

IBM Tivoli Workload Scheduler



# Database Views

*Version 9 Release 1*



IBM Tivoli Workload Scheduler



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*Version 9 Release 1*

**Note**

Before using this information and the product it supports, read the information in "Notices" on page 65.

This edition applies to version 9, release 1, modification level 0 of Tivoli Workload Scheduler (program number 5698-WSH) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## About this publication

IBM® Tivoli® Workload Scheduler Database Views describes a set of views created by running queries on a specific set of tables in the Tivoli Workload Scheduler database and displays the information obtained in tabular form. You can use reporting tools, such as Crystal Reports or Brio, to define reports based on the information obtained.

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## What is new in this release

For information about the new or changed functions in this release, see *Tivoli Workload Automation: Overview*, section *Summary of enhancements*.

For information about the APARs that this release addresses, see the Tivoli Workload Scheduler Release Notes at <http://www-01.ibm.com/support/docview.wss?rs=672&uid=swg27038323> and the Dynamic Workload Console Release Notes at <http://www-01.ibm.com/support/docview.wss?rs=672&uid=swg27038328>.

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## What is new in this publication for version 8.6

For version 8.6, the following changes have been made:

- Chapter 1, “Overview,” on page 1 has been updated to reflect changes in:
  - “Displaying a view on a UNIX workstation with a DB2 database” on page 5.
  - “Displaying a view on a Windows workstation with an Oracle 11g schema” on page 6.
  - “Displaying a view on a UNIX workstation with an Oracle 11g schema” on page 7.
- Chapter 2, “Tivoli Workload Scheduler views,” on page 9 has been updated to add the following views:
  - “AUDIT\_STORE\_RECORDS\_V” on page 12
  - “REMOTE\_JOB\_REQUESTS\_V” on page 55

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## Who should read this publication

This publication is intended for database administrators and those responsible for integrating information derived from this product with that derived from others.

Readers must be familiar with the following:

- Tivoli Workload Scheduler
- Database and SQL concepts
- IBM DB2 Universal Database™

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## Publications

Full details of Tivoli Workload Scheduler publications can be found in *Tivoli Workload Automation: Publications*. This document also contains information about the conventions used in the publications.

A glossary of terms used in the product can be found in *Tivoli Workload Automation: Glossary*.

Both of these are in the Information Center as separate publications.

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## Accessibility

Accessibility features help users with a physical disability, such as restricted mobility or limited vision, to use software products successfully. With this product, you can use assistive technologies to hear and navigate the interface. You can also use the keyboard instead of the mouse to operate all features of the graphical user interface.

For full information with respect to the Dynamic Workload Console, see the Accessibility Appendix in the *IBM Tivoli Workload Scheduler User's Guide and Reference*.

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## Tivoli technical training

For Tivoli technical training information, refer to the following IBM Tivoli Education website:

<http://www.ibm.com/software/tivoli/education>

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## Support information

If you have a problem with your IBM software, you want to resolve it quickly. IBM provides the following ways for you to obtain the support you need:

- Searching knowledge bases: You can search across a large collection of known problems and workarounds, Technotes, and other information.
- Obtaining fixes: You can locate the latest fixes that are already available for your product.
- Contacting IBM Software Support: If you still cannot solve your problem, and you need to work with someone from IBM, you can use a variety of ways to contact IBM Software Support.

For more information about these three ways of resolving problems, see the appendix on support information in *Tivoli Workload Scheduler: Troubleshooting Guide*.



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## Chapter 1. Overview

Tivoli Workload Scheduler Database Views describes a set of predefined views provided with Tivoli Workload Scheduler in tabular form. A view is a logical table containing the data generated by a query. A view is based on an underlying set of base tables, and the data shown in a view is determined by a SELECT statement that is run on these base tables. See “Displaying a view” on page 5 for a detailed explanation about how to display a view. Views are described in alphabetic order. Each table shows the names of the columns in the view, a description of each column, and its data type.

This chapter is divided into the following sections:

- “Key to using the table views” on page 2
- “View names” on page 2
- “Displaying a view” on page 5

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## Key to using the table views

Each view is described in a table containing the following columns:

**column**

The name of the column in the view.

**description**

The description of the column in the view.

**type** The data type of the column in the view. Possible values are:

**Character**

A single character, typically a flag.

**String** A sequence of characters.

**Integer**

A numeric value, indicating a quantity.

**Timestamp**

A value designating a date and time. The format depends on the language set for the workstation and on the database you are using.

**Date** A three-part value consisting of a day, month, and year. The format depends on the language set for the workstation and on the database you are using. For example, if the language set for the workstation is Italian and the database you are using is DB2®, the date format is dd/mm/yyyy.

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## View names

The name of the view has the following structure:

*database\_schema\_name.object\_name\_v*

where:

**database\_schema\_name**

Depends on the database you are using. It can assume one of the following values:

**If you are using a DB2 database:**

**EVT** Identifies views containing information about event management object definitions.

**LOG** Identifies views containing information about event management objects already run.

**MDL** Identifies views containing information about the Tivoli Workload Scheduler object except event management objects.

**PLN** Identifies views containing information about Tivoli Workload Scheduler objects in the plan

**If you are using an Oracle database:**

The name of the Tivoli Workload Scheduler Oracle user you defined during the installation.

**object\_name**

Represents the name of the object for which you are displaying the information.

For example, if you want to display view information about job history from a DB2 database, the name of the view is:

MDL.JOB\_HISTORY\_V

If you want to display view information about job history from an Oracle database and the name of the Tivoli Workload Scheduler Oracle user you defined during the installation is **tw**s, the name of the view is:

tw.s.JOB\_HISTORY\_V

Table 1 lists the views you can use with Tivoli Workload Scheduler.

Table 1. Views available with Tivoli Workload Scheduler

View name	Information obtained
"ACTION_PARAMETERS_V" on page 10	Displays information about the parameters associated with the actions run.
"ACTION_RUNS_V" on page 11	Displays the actions run for each event rule.
"CALENDARS_V" on page 14	Displays information about calendars.
"EVENT_CONDITIONS_V" on page 15	Displays information about the events associated with each rule.
"EVENT_RULE_INSTANCES_V" on page 17	Displays information about run event rule history.
"EVENT_RULES_V" on page 18	Displays information about the event rules.
"EVENT_RULE_ACTIONS_V" on page 16	Displays information about the actions associated with each event rule.
"FILE_REFS_V" on page 19	Displays information about jobs and job streams that depend on a file.
"INTERNETWORK_DEPS_V" on page 21	Displays information about jobs and job streams that depend on an internetwork dependency.
"JOB_DEFINITION_REFS_V" on page 22	Displays information about the job streams in which a job appears.
"JOB_DEPS_V" on page 23	Displays information about jobs and job streams that depend on a job.
"JOB_HISTORY_V" on page 25	Displays information about job history.
"JOB_STATISTICS_V" on page 27	Displays information about jobs.
"JOB_STREAM_DEPS_V" on page 29	Displays information about jobs and job streams that depend on a job stream.
"JOB_STREAM_REFS_V" on page 31	Displays information about job streams.
"LOG_MESSAGES_V" on page 32	Displays information about the messages logged by log actions.
"PLAN_DOMAINS_V" on page 33	Displays information about domains in the plan.
"PLAN_FILE_REFS_V" on page 34	Displays information about jobs and job streams in the plan that depend on a file.
"PLAN_FILES_V" on page 35	Displays information about files in the plan.
"PLAN_JOB_PREDECESSORS_V" on page 36	Displays information about jobs and job streams predecessors of a job in the plan.
"PLAN_JOB_STREAM_PREDECESSORS_V" on page 37	Displays information about jobs and job streams predecessors of a job stream in the plan.
"PLAN_JOB_STREAM_SUCCESSORS_V" on page 38	Displays information about jobs and job streams successors of a job stream in the plan.

Table 1. Views available with Tivoli Workload Scheduler (continued)

View name	Information obtained
"PLAN_JOB_SUCCESSORS_V" on page 39	Displays information about jobs and job streams successors of a job in the plan.
"PLAN_JOB_STREAMS_V" on page 40	Displays information about job streams in the plan.
"PLAN_JOBS_V" on page 43	Displays information about jobs in the plan.
"PLAN_PROMPT_REFS_V" on page 46	Displays information about jobs and job streams in plan that depend on a prompt.
"PLAN_PROMPTS_V" on page 47	Displays information about prompts in the plan.
"PLAN_RESOURCE_REFS_V" on page 48	Displays information about jobs and job streams in plan that depend on a resource.
"PLAN_RESOURCES_V" on page 49	Displays information about resources in the plan.
"PLAN_WORKSTATIONS_V" on page 50	Displays information about workstations in the plan.
"PROMPTS_V" on page 52	Displays information about prompts, such as their name and definition.
"PROMPT_REFS_V" on page 53	Displays information about jobs and job streams that depend on a prompt.
"PROPERTIES_V" on page 54	Displays information about global options and properties.
"REMOTE_JOB_REQUESTS_V" on page 55	Displays the details of the request to bind to a job on a remote engine.
"RESOURCES_V" on page 57	Displays information about resources.
"RESOURCE_REFS_V" on page 58	Displays information about jobs and job streams that depend on a resource.
"RUN_CYCLE_REFS_V" on page 60	Displays information about when job streams run.
"VARIABLES_V" on page 62	Displays information about global parameters, from now on called variables.
"VARIABLE_TABLE_REFS_V" on page 63	Displays information about job streams, run cycles, and workstations that use variable tables.



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## Displaying a view

This section contains information about:

- “Granting access to users for displaying views”
- “Displaying a view from a DB2 database”
- “Displaying a view from an Oracle schema” on page 6

### Granting access to users for displaying views

For the procedure that describes how to grant access to users for displaying views, see the *Tivoli Workload Scheduler: Administration Guide*, section, “Configuring Dynamic Workload Console to view reports”. This procedure applies also to views.

### Displaying a view from a DB2 database

This section describes how to display a view from a DB2 database using the Command Editor. You can also use the DB2 command line to display a view. Based on the operating system, use one of the following procedures:

- “Displaying a view on a Windows workstation with a DB2 database”
- “Displaying a view on a UNIX workstation with a DB2 database”

#### Displaying a view on a Windows workstation with a DB2 database

To display a view on a Windows workstation with a DB2 database installed, perform the following steps:

1. Select **Start** → **Programs** → **IBM DB2** → **Command Line Tools** → **Command Editor**. The Command Editor main window opens.
2. In the **Command** page, enter the following command:

```
connect to databasename_db user username
```

where *databasename\_db* is the name of the database you want to connect to. The default is **tws**.

*user name* is the name of the user with which you installed the DB2 database. The default is **db2admin**.

3. Click the green arrow in the upper-left corner of the Command Editor window. The Enter Credentials dialog displays.
4. In the **password** field, type the user password and click **OK**. The Command Editor window shows the database connection information. The Query Results tab displays.
5. From the Command Editor main window, enter the following command:

```
select * from view_name
```

where *view\_name* is the name of the view from which you want to display the information.

For example, to extract information from the MDL.JOB\_HISTORY\_V view, enter the following command:

```
select * from MDL.JOB_HISTORY_V
```

6. Click the green arrow in the upper-left corner of the Command Editor window. The Query Results dialog displays the results of the query.

#### Displaying a view on a UNIX workstation with a DB2 database

To display a view on a UNIX workstation with a DB2 database installed, perform the following steps:

1. From a shell script, enter the following command:

|  
|  
|



2. Select **Start** → **Programs** → **Oracle-installation\_name** → **DatabaseControl-database\_name**. The Oracle Enterprise Manager 11g Login to Database *database\_name* web page displays.
3. Type the following information and click **Login**:

**Username**

It can be:

**Oracle administrator user**

The database administrator user name, for example *SYSTEM*, required to authenticate to the Oracle database.

**Tivoli Workload Scheduler user**

The owner of the Tivoli Workload Scheduler schema.

**Password**

The password associated with the user specified in the **Username** field.

The Database Instance: *database\_name* home page displays.

4. In Related Links, select **SQL Worksheet**. The SQL Worksheet: *database\_instance\_name* web page displays.
5. In the **Enter SQL commands** input area, enter the following command:

```
select * from view_name
```

where *view\_name* is the name of the view from which you want to display the information. The view name has the following format:

```
username.JOB_HISTORY_V
```

where *username* is the name of the owner of the Tivoli Workload Scheduler schema. For example, if the user name is **TWSuser**, to extract information from the *username.JOB\_HISTORY\_V* view, enter the following command:

```
select * from TWSuser.JOB_HISTORY_V
```

6. Click **Execute**. The output area displays the results of the query.

## Displaying a view on a UNIX workstation with an Oracle 11g schema

To display a view on a UNIX workstation with an Oracle 11g schema installed, perform the following steps:

1. Switch to the Oracle user who owns the Oracle installation, by running the following command:

```
su - oracle_user
```

For example, if the *oracle\_user* is *oracle*, enter the following command:

```
su - oracle
```

2. Verify that the Oracle Enterprise Manager Console is accessible from a client browser. This implies that the *dbconsole* process is running on the server. This process starts automatically after the installation. To verify that it is running, run the following command from the *\$ORACLE\_HOME/bin* directory:

```
./emctl status dbconsole
```

If the *dbconsole* process is stopped, start it by running the following command from the *\$ORACLE\_HOME/bin* directory:

```
./emctl start dbconsole
```

3. Connect to the following website:

```
https://hostname:port/em
```

| where:

| **hostname**

| Specify the name of the host you are working with.

| **port** Specify the port to use for communicating. The default port number is:

| **5500** For Oracle Standard Edition.

| **1158** For Oracle Enterprise Edition.

| To verify the port used for communicating, open the  
| *oracle\_home/install/portlist.ini* file and look for the port number  
| specified in the **Enterprise Manager Console HTTP**  
| **port(instance\_name)=port\_number** line.

- | 4. Launch the Oracle Enterprise Manager and proceed as described from Step 3 of  
| the “Displaying a view on a Windows workstation with an Oracle 11g schema”  
| on page 6.

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## Chapter 2. Tivoli Workload Scheduler views

This chapter describes the views you can use to extract information from the Tivoli Workload Scheduler database. You can then use reporting tools, such as Crystal Reports or Brio, to define reports based on this information. It also contains examples of the most significant views.

In the following sections the views are listed in alphabetic order.

---

## ACTION\_PARAMETERS\_V

The ACTION\_PARAMETERS\_V view displays information about the parameters associated with the actions run.

*Table 2. The ACTION\_PARAMETERS\_V view*

Column name	Description	Type	Length
Log_time	The time when the action run was logged.	timestamp	26 In DB2 35 In Oracle
Event_rule_name	The name of the event rule associated with the action.	string	40
Action_provider	The name of the plug-in associated with the action.	string	40
Action_scope	The scope of the action. That is the most meaningful information related to the action. The plug-in defines the information to be inserted.	string	120
Action_type	The type of action.	string	40
Parameter_name	The name of the parameter associated with the action.	string	50
Parameter_value	The value of the parameter.	string	256

---

## ACTION\_RUNS\_V

The ACTION\_RUNS\_V view displays the actions run for each event rule.

Table 3. The ACTION\_RUNS\_V view

Column name	Description	Type	Length
Log_time	The time when the action run was logged.	timestamp	26 In DB2 35 In Oracle
Event_rule_name	The name of the event rule associated with the action.	string	40
Event_rule_type	The type of event rule. Possible values are: F Filter Q Sequence S Set	character	1
Action_provider	The name of the plug-in associated with the action.	string	40
Action_scope	The scope of the action. That is the most meaningful information related to the action. The plug-in defines the information to be inserted.	string	120
Action_type	The type of action.	string	40
Action_status	The status of the actions run. Possible values are: S Successful W Warning E Error	character	1
Action_result	The result of the action. It depends on the plug-in associated with the action.	string	128
Message	The text of the message that is logged by the action plug-in when the action is run. It provides information about how the action completed.	string	512

## AUDIT\_STORE\_RECORDS\_V

The AUDIT\_STORE\_RECORDS\_V view displays information about the auditing records stored in the database.

Table 4. The AUDIT\_STORE\_RECORDS\_V view

Column name	Description	Type	Length
Log_time	The date and time the log was created.	Timestamp	10
Log_type	An eight character value indicating the source of the log record. This value is for internal use only.	Character	1
Object_type	The type of the object that was affected by an action.	Varchar	128
Action_type	The type of action was performed on the object.	Varchar	128
User_name	The logon user who performed the particular action.	Varchar	128
Object_name	The fully qualified name of the object.	Varchar	128
Object_definition	The definition of the scheduling object.	Clob	1048576
Object_identifier	The identifier of the audited object.	Character	16

### Output example

Table 5 shows an example of the output for the AUDIT\_STORE\_RECORDS\_V view.

Table 5. AUDIT\_STORE\_RECORDS\_V view output example

LOG_TIME ----- 2011-02-10 09:12:28.0
LOG_TYPE ----- D
OBJECT_TYPE ----- DBJOB
OBJECT_IDENTIFIER ----- x'3CCFDAAC10A13DE69AA7C06FD06258E3'
ACTION_TYPE ----- MODIFY
USER_NAME ----- ITUser
OBJECT_NAME ----- REMENG1#Z_SHADOW_JOB
OBJECT_DEFINITION ----- REMENG1#Z_SHADOW_JOB



Table 5. AUDIT\_STORE\_RECORDS\_V view output example (continued)

```
TASK
|   <?xml version="1.0" encoding="UTF-8"?>
| <jsd1:jobDefinition xmlns:jsdl="http://www.ibm.com/xmlns/prod/scheduling/1.0/jsdl"
| xmlns:zshadow="http://www.ibm.com/xmlns/prod/scheduling/1.0/zshadow">
|   <jsd1:application name="zShadowJob">
|     <zshadow:ZShadowJob>
|       <zshadow:JobStream>JS1</zshadow:JobStream>
|       <zshadow:JobNumber>1</zshadow:JobNumber>
|       <zshadow:matching>
|         <zshadow:previous/>
|       </zshadow:matching>
|     </zshadow:ZShadowJob>
|   </jsdl:application>
| </jsdl:jobDefinition>
| DESCRIPTION "Sample Shadow Job Definition for ZOS environment"
| RECOVERY STOP
```

---

## CALENDARS\_V

The CALENDARS\_V view displays information about calendars.

Table 6. The CALENDARS\_V view

Column name	Description	Type	Length
Calendar_name	The name of the calendar.	string	16
Calendar_description	The description of the calendar.	string	120
Calendar_dates	A list of scheduling dates that define the calendar. The format is: <code>yyyymmdd[,yyyymmdd ,...,yyyymmdd]</code>	string	not defined

### Output example

Table 7 shows an example of the output for the CALENDARS\_V view.

Table 7. CALENDARS\_V output example

CALENDAR_NAME	CALENDAR_DESCRIPTION	CALENDAR_DATES
PMHOLIDAYS	Post meridiem holidays	20061101,20061208,20061225,20061226,20060101,20060106,20060428
AMHOLIDAYS	Ante meridiem holidays	20060129,20060226,20060327,20060428,20060528,20060626,20030729
HOLIDAYS	Holidays	20060101,20060106,20060417,20060425,20060501,20060602,20060815
ANN-1-GL	Rome Patron saint	20060629

4 record(s) selected.

---

## EVENT\_CONDITIONS\_V

The EVENT\_CONDITIONS\_V view displays information about the events associated with each event rule.

*Table 8. The EVENT\_CONDITIONS\_V view*

Column name	Description	Type	Length
Event_rule_name	The name of the event rule.	string	40
Event_name	The name of the event associated with the event rule.	string	50
Event_provider	The name of the plug-in associated with the event.	string	40
Event_type	The type of event.	string	40
Event_scope	The scope of the event. That is the most meaningful information related to the event. The plug-in defines the information to be inserted.	string	120
Filtering_predicate	The content in XML format of the <b>filteringPredicate</b> keyword in the event rule definition file.	string	not defined

---

## EVENT\_RULE\_ACTIONS\_V

The EVENT\_RULE\_ACTIONS\_V view displays information about actions associated with each event rule.

Table 9. The EVENT\_RULE\_ACTIONS\_V view

Column name	Description	Type	Length
Event_rule_name	The name of the event rule.	string	40
Action_description	The description of the action associated with the event rule.	string	120
Action_provider	The name of the plug-in associated with the action.	string	40
Action_type	The type of action associated with the event rule.	string	40
Response_type	When the action must be run. Possible values are: <b>D</b> onDetection. The action starts when the event rule is run. The event rule is run according to its rule type. This might be on detection of a single event or when all the events of a set or sequence are captured. <b>T</b> onTimeOut. The action starts when the first event of a set or sequence is captured, but the set or sequence of events does not complete in the time interval defined in the <b>timeInterval</b> keyword.	character	1
Action_scope	The scope of the action. That is the most meaningful information related to the action. The plug-in defines the information to be inserted.	string	120
Parameter_list	A comma separated list of parameters associated with the action and their value. The list is in the format <i>parameter name=value</i> .	string	not defined
Job_wks_name	The name of the workstation where the job specified in the <b>Job_name</b> column is defined.	string	16
Job_name	The name of the job submitted by the action.	string	40
Job_stream_wks_name	The name of the workstation where the job stream is defined.	string	16
Job_stream_name	The name of the job stream submitted by the action.	string	16

---

## EVENT\_RULE\_INSTANCES\_V

The EVENT\_RULE\_INSTANCES\_V view displays information about run event rule history.

Table 10. The EVENT\_RULE\_INSTANCES\_V view

Column name	Description	Type	Length
Log_time	The time when the event rule instance was logged.	timestamp	26 In DB2 35 In Oracle
Event_rule_name	The name of the event rule.	string	40
Event_rule_type	The type of event rule. Possible values are: F Filter Q Sequence S Set	character	1
Event_rule_instance_status	The status of the event rule. Possible values are: S Successful R Running E Error W Warning	character	1
Is_timeout_expired	If the timeout associated with event rule is expired. Possible values are: Y Yes N No	character	1

## EVENT\_RULES\_V

The EVENT\_RULES\_V view displays information about event rules.

Table 11. The EVENT\_RULES\_V view

Column name	Description	Type	Length
Event_rule_name	The name of the event rule.	string	40
Event_rule_description	The description of the event rule.	string	120
Event_rule_type	The type of rule. Possible values are: <b>F</b> Filter <b>Q</b> Sequence <b>S</b> Set	character	1
Is_draft	If the event rule definition is currently enabled. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Event_rule_status	The status of the event rule. Possible values are: <b>active</b> The event rule was activated successfully. <b>update pending</b> The event rule whose status is active was updated and must be deployed again. <b>update error</b> An error occurred deploying the active event rule that has been updated. <b>activation pending</b> The event rule is waiting to be activated. <b>activation error</b> An error occurred activating the event rule. <b>deactivation pending</b> The event rule was set to <b>isDraft</b> and must be deployed again to reflect the new status. <b>deactivation error</b> An error occurred deactivating the event rule. <b>not active</b> The event rule is not active.	character	1
Valid_from	The starting date from which the event rule is ready to be activated and therefore deployed.	date	10 9 In DB2 In Oracle
Valid_to	The last date that the event rule is active and therefore deployed.	date	10 9 In DB2 In Oracle
Start_offset	The start time when the event rule becomes active and ready to be deployed. This time is expressed in milliseconds calculated as an offset starting from 00.00 a.m. For example, if the start time is 11:30 a.m. the value is $((11 * 60) + 30) * 60 * 1000 = 41400000$ .	integer	12
End_offset	The end time when the event rule is no longer active. This time is expressed in milliseconds calculated as an offset starting from 00.00 a. m. For example, if the end time is 11:30 a. m. the value is $((11 * 60) + 30) * 60 * 1000 = 41400000$ .	integer	12
Time_zone	The time zone defined for the event rule that the product uses to deploy the rule.	string	40

Table 11. The *EVENT\_RULES\_V* view (continued)

Column name	Description	Type	Length
Time_interval	The length of time after which the timeout action is to start.	integer	12
Group_attribute_list	A comma-separated list of attributes on which are correlated the events defined for the rule.	string	not defined

## FILE\_REFS\_V

The *FILE\_REFS\_V* view displays information about jobs and job streams that depend on a file.

Table 12. The *FILE\_REFS\_V* view

Column name	Description	Type	Length
Workstation_name	The name of the workstation where the file is defined.	string	16
File_name	The name of the file on which jobs and job streams depend.	string	148
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the file specified in the <b>File_name</b> column is defined.	string	16
Dep_job_stream_name	The name of the job stream that depends on the file specified in the <b>File_name</b> column.	string	16
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_wks_name	The name of the workstation where the job that depends on the file specified in the <b>File_name</b> column is defined. If this field is not displayed, the job does not depend on any file.	string	16
Dep_job_name	The name of the job that depends on the file specified in the <b>File_name</b> column. If this field is not displayed, the job does not depend on any file.	string	40
Dep_job_definition_name	The name of the job definition of the job that depends on the file specified in the <b>File_name</b> column. If this field is not displayed the job does not depend on a file.	string	40

## Output example

Table 13 shows an example of the output for the FILE\_REFS\_V view.

Table 13. FILE\_REFS\_V output example

WORKSTATION_NAME	FILE_NAME	DEP_JOB_STREAM_WKS_NAME	DEP_JOB_STREAM_NAME	DEP_JOB_STREAM_VALID_FROM
JA_BAT01	/ii_aa/A1.tt	JA_BAT01	BD601C200N06110D	-
JA_BAT01	/aa_11/AR.t8	JA_BAT01	BD601C200N07040E	-
JA_BAT02	/ae_bb/AR.t^	JA_BAT02	BD601C200N136051	-
JA_BAT02	/ac_ab/EX.tx	JA_BAT02	BD601C200N083409	-
JA_BAT03	/ad_ab/ET.tx	JA_BAT03	BD601C200N062102	-
JA_BAT03	/af_ff/TP.t^	JA_BAT03	BM100F600N800401	-
JA_BAT04	/ag_rd/AS.P^	JA_BAT04	BD601C200N136808	-
JA_BAT04	/as_dd/YE.P^	JA_BAT04	BY100F900N081701	-
JA_BAT05	/xi_rr/FT.Z9	JA_BAT05	BD101C200N113401	-
JA_BAT05	/ci_jj/YE.CL	JA_BAT05	BDENE-DMYN017009	-

10 record(s) selected.

DEP_JOB_STREAM_VALID_TO	DEP_JOB_WKS_NAME	DEP_JOB_NAME	DEP_JOB_DEFINITION_NAME
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-



## INTERNETWORK\_DEPS\_V

The INTERNETWORK\_DEPS\_V view displays information about jobs and job streams that depend on an internetwork dependency.

Table 14. The INTERNETWORK\_DEPS\_V view

Column name	Description	Type	Length
Internetwork_dependency	The internetwork dependency on which the job and job stream depend.	string	255
Network_agent_name	The name of the network agent where the internetwork dependency is resolved.	string	16
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the internetwork dependency is defined.	string	16
Dep_job_stream_name	The name of the job stream that depends on the internetwork dependency.	string	16
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_wks_name	The name of the workstation where the job that depends on the internetwork dependency is defined. If this field is not displayed, the job does not depend on any internetwork dependency.	string	16
Dep_job_name	The name of the job that depends on the internetwork dependency. If this field is not displayed, the job does not depend on any internetwork dependency.	string	40
Dep_job_definition_name	The name of the job definition that depends on the internetwork dependency. If this field is not displayed, the job does not depend on any internetwork dependency.	string	40

## JOB\_DEFINITION\_REFS\_V

The JOB\_DEFINITION\_REFS\_V view displays information about the job streams in which a job appears.

Table 15. The JOB\_DEFINITION\_REFS\_V view

Column name	Description	Type	Length
Job_stream_wks_name	The name of the workstation where the job streams in which the job appears are defined.	string	16
Job_stream_name	The name of the job stream in which the job appears.	string	16
Job_stream_valid_from	The starting date from which the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Job_stream_valid_to	The last date that the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Job_wks_name	The name of the workstation where the job specified in the <b>Job_name</b> column is defined.	string	16
Job_name	The name of the job that appears in the job stream.	string	40
Job_definition_name	The name of the job definition of the job specified in the <b>Job_name</b> column.	string	40

## Output example

Table 16 shows the output for the JOB\_DEFINITION\_REFS\_V view.

Table 16. JOB\_DEFINITION\_REFS\_V view output example

JOB_STREAM_WKS_NAME	JOB_STREAM_NAME	JOB_STREAM_VALID_FROM	JOB_STREAM_VALID_TO	JOB_WKS_NAME	JOB_NAME	JOB_DEFINITION_NAME
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_206	JOB_206
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_151	JOB_207
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_181	JOB_208
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_107	JOB_209
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_45	JOB_201
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_137	JOB_202
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_46	JOB_203
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_50	JOB_204
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_12	JOB_205
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_5	JOB_206
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_31	JOB_207
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_61	JOB_208
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_165	JOB_209
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_159	JOB_201
F135079S1_07	JOBSTREAM_0035	-	-	F135079S1_07	JOB_105	JOB_202

15 record(s) selected.

## JOB\_DEPS\_V

The JOB\_DEPS\_V view displays information about jobs and job streams that depend on a job.

Table 17. The JOB\_DEPS\_V view

Column name	Description	Type	Length
Type_of_dependency	The type of dependency. Possible values are: <ul style="list-style-type: none"><li>• Internal job dependency</li><li>• External job dependency</li><li>• External job stream dependency</li></ul>	character	30
Job_name	The name of the job on which the jobs and job streams depend.	string	40
Job_stream_wks_name	The name of the workstation where the job stream that contains the job on which the jobs and job streams depend is defined.	string	16
Job_stream_name	The name of the job stream that contains the job on which the jobs and job streams depend.	string	16
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the job specified in the <b>Job_name</b> column is defined.	string	16
Dep_job_stream_name	The name of the job stream that depends on the job specified in the <b>Job_name</b> column.	string	16
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_name	The name of the job that depends on the job specified in the <b>Job_name</b> column. If this field is not displayed, the job or the job stream does not depend on any job.	string	40
Dep_job_critical	The job specified in the <b>Dep_job_name</b> column is a critical job. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1

## Output example

Table 18 shows an example of the output for the JOB\_DEPS\_V view.

Table 18. JOB\_DEPS\_V view output example

TYPE_OF_DEPENDENCY	JOB_NAME	JOB_STREAM_WKS_NAME	JOB_STREAM_NAME	DEP_JOB_STREAM_WKS_NAME	DEP_JOB_STREAM_NAME
Internal Job dependency	BD690C200	JA_BAT02	BD601C200N06110D	JA_BAT02	BD601C200N06110D
Internal Job dependency	BD690C200	JA_BAT02	BD601C200N07040E	JA_BAT02	BD601C200N07040E
Internal Job dependency	BD690C200	JA_BAT02	BD601C200N136051	JA_BAT02	BD601C200N136051
Internal Job dependency	BD690C200	JA_BAT02	BD601C200N083409	JA_BAT02	BD601C200N083409
Internal Job dependency	BD690C200	JA_BAT03	BD601C200N062102	JA_BAT03	BD601C200N062102
Internal Job dependency	BM110F600	JA_BAT03	BM100F600N800401	JA_BAT03	BM100F600N800401
Internal Job dependency	BD600C200	JA_BAT05	BD601C200N136808	JA_BAT05	BD601C200N136808
Internal Job dependency	BY153F900	JA_BAT04	BY100F900N081701	JA_BAT04	BY100F900N081701
Internal Job dependency	BD121C200	JA_BAT04	BD101C200N113401	JA_BAT04	BD101C200N113401
Internal Job dependency	BSGDE-BTS	JA_BAT04	BDENE-DMYN017009	JA_BAT04	BDENE-DMYN017009
Internal Job dependency	BD121C200	JA_BAT01	BD101C200N051001	JA_BAT01	BD101C200N051001
Internal Job dependency	BR114B100	JA_BAT01	BR100B100N053401	JA_BAT01	BR100B100N053401
Internal Job dependency	BD690C200	JA_BAT01	BD601C200N80060A	JA_BAT01	BD601C200N80060A
Internal Job dependency	BM100F700	JA_BAT01	BM100F700N112701	JA_BAT01	BM100F700N112701
Internal Job dependency	BY107F000	JA_BAT01	BY105F000N070501	JA_BAT01	BY105F000N070501
15 record(s) selected.					
DEP_JOB_STREAM_VALID_FROM	DEP_JOB_STREAM_VALID_TO	DEP_JOB_NAME	DEP_JOB_CRITICAL		
-	-	BD611C200	Y		
-	-	BD608C200	N		
-	-	BD604C200	N		
-	-	BD611C200	Y		
-	-	BD607C200	Y		
-	-	BM111F600	N		
-	-	BD691C200	N		
-	-	BY154F900	N		
-	-	BD122C200	Y		
-	-	BDENE-DMY	N		
-	-	BD122C200	Y		
-	-	BR115B100	N		
-	-	BD608C200	N		
-	-	BM101F700	N		
-	-	BY105F000	N		

## JOB\_HISTORY\_V

The JOB\_HISTORY\_V view displays information about job history.

Table 19. The JOB\_HISTORY\_V view

Column name	Description	Type	Length
Workstation_name	The name of the workstation or workstation class where the job was scheduled to run.	string	16
Job_stream_wks_name_in_run	The name of the workstation or workstation class where the job stream ran.	string	16
Job_name	The name of the job.	string	40
Job_run_date_time	The date and time when the job ran.	timestamp	26 35 In DB2 In Oracle
Late_start_time	How late the job started with respect to the latest start time. This time is expressed in milliseconds.	integer	12
Late_end_time	How late the job ended with respect to the deadline. This time is expressed in milliseconds.	integer	12
Planned_duration	The time that a job was expected to complete. This time is expressed in milliseconds.	integer	12
Job_start_time	The date and time when the job was scheduled to start running.	timestamp	26 35 In DB2 In Oracle
Workstation_name_in_run	The name of the workstation or workstation class where the job ran.	string	16
Job_stream_name_in_run	The name of the job stream to which the job belonged when it ran.	string	16
Job_name_in_run	The name of the job when it ran.	string	40
Total_elapsed_time	The amount of time that the job took to run, for this run. This time is expressed in milliseconds.	integer	12
Total_cpu_time	The total amount of CPU time the job used to run, for this run. This time is expressed in milliseconds.	integer	12
Long_duration	If the job lasted longer than planned. Possible values are: Y Yes N No	character	1
Job_status	The status of the job. Possible values are: A Abend S Successful U Unknown E Error	character	1

Table 19. The JOB\_HISTORY\_V view (continued)

Column name	Description	Type	Length
Rerun_type	The type of run associated with the job instance. Possible values are: <b>R</b> Rerun; the instance is a rerun of the job present in the plan. <b>E</b> Rerun every; the rerun of a job for which you defined an every option. <b>F</b> Rerun from; the rerun of a job for which you defined a from option. <b>C</b> Recovery; the job is a recovery job associated with the planned job. <b>N</b> Regular; the job is not a rerun	character	1
Rerun_number	The position that this run has in the ordered list of all the runs if the job ran multiple times.	integer	10
Return_code	The return code assigned to the job instance.	integer	10
Job_number	The numeric identifier of the job instance.	integer	10
job_stream_instance_id	The identifier of the job stream instance to which the job belonged when it ran.	integer	20
User_login	The user name under which the job instance ran.	string	47

## JOB\_STATISTICS\_V

The JOB\_STATISTICS\_V view displays information about jobs.

Table 20. The JOB\_STATISTICS\_V view

Column name	Description	Type	Length
Workstation_name	The name of the workstation or workstation class where the job was defined.	string	16
Job_name	The name of the job.	string	40
Job_description	A description of the job.	string	120
Job_login_user	The user name under which the job runs.	string	47
Job_script_name	The script or the command that the job runs.	string	4095 4000 In DB2 In Oracle
Recovery_job_name	The name of the job to run if the job specified in the <b>Job_name</b> column ends abnormally.	string	40
Recovery_option	The recovery options for the job. Possible values are: <b>C</b> Continue <b>R</b> Rerun <b>S</b> Stop	character	1
Recovery_prompt	The text of the recovery prompt to display if the job ends abnormally.	string	200
Job_modify_user	The name of the user who created or modified the job definition.	string	50
Successful_runs	The number of times the job ran successfully.	integer	10
Abended_runs	The number of times the job ended abnormally.	integer	10
Long_duration_runs	The number of times the jobs with long duration ran.	integer	10
Suppressed_runs	The number of jobs that have been suppressed, that is the number of jobs whose until time has been reached, but the job has not yet started.	integer	10
Late_start_runs	The number of times the jobs ended after the latest start time was reached.	integer	10
Late_end_runs	The number of times the jobs ended after the deadline was reached.	integer	10
Total_reruns	The total number of times the job reran.	integer	10
Average_cpu_time	The average amount of CPU time the job took to run. This time is expressed in milliseconds.	integer	12
Average_elapsed_time	The average time the job took to run. This time is expressed in milliseconds.	integer	12
Total_elapsed_time	The sum of the times the job used the CPU and the time the job waited for other processes to release the CPU for all its runs. This time is expressed in milliseconds.	integer	12
Total_cpu_time	The total amount of CPU time the job used to run, for all its runs. This time is expressed in milliseconds.	integer	12

Table 20. The JOB\_STATISTICS\_V view (continued)

Column name	Description	Type	Length	
Last_cpu_time	Specifies how much CPU time the job used the last time it ran. This time is expressed in milliseconds.	integer	12	
Last_elapsed_time	The elapsed time recorded during the job last run of the job. This time is expressed in milliseconds.	integer	12	
Last_run_date	The date and time the job last ran.	timestamp	26 35	In DB2 In Oracle
Max_cpu_time	The maximum CPU time recorded for all the job runs. This time is expressed in milliseconds.	integer	12	
Max_elapsed_time	The maximum elapsed time recorded for all its runs. This time is expressed in milliseconds.	integer	12	
Max_run_date	The date and time when the job took the longest time to run.	timestamp	26 35	In DB2 In Oracle
Min_cpu_time	The minimum CPU time recorded for all the runs. This time is expressed in milliseconds.	integer	12	
Min_elapsed_time	The minimum elapsed time recorded for all its runs.	integer	12	
Min_run_date	The date and time when the job took the shortest time to run.	timestamp	26 35	In DB2 In Oracle



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## JOB\_STREAM\_DEPS\_V

The JOB\_STREAM\_DEPS\_V view displays information about jobs and job streams that depend on a job stream.

Table 21. The JOB\_STREAM\_DEPS\_V view

Column name	Description	Type	Length
Job_stream_wks_name	The name of the workstation where the job stream on which the jobs or job streams depend is defined.	string	16
Job_stream_name	The name of the job stream on which the job or job stream depends.	string	16
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the job stream is defined.	string	16
Dep_job_stream_name	The name of the job stream that depends on the job stream.	string	16
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_wks_name	The name of the workstation where the job that depends on the job stream is defined. If this field is not displayed, the job does not depend on any job stream.	string	16
Dep_job_name	The name of the job that depends on the job stream. If this field is not displayed, the job does not depend on any job stream.	string	40
Dep_job_critical	The job specified in the <b>Dep_job_name</b> column is a critical job. Possible values are: Y Yes N No	character	1
Dep_job_definition_name	The name of the job definition that depends on the job stream. If this field is not displayed, the job does not depend on any job stream.	string	40

### Output example

Table 22 on page 30 shows an example of the output for the JOB\_STREAM\_DEPS\_V view.

Table 22. JOB\_STREAM\_DEPS\_V view output example

JOB_STREAM_WKS_NAME	JOB_STREAM_NAME	DEP_JOB_STREAM_WKS_NAME	DEP_JOB_STREAM_NAME	DEP_JOB_STREAM_VALID_FROM	DEP_JOB_STREAM_VALID_TO
AAPBC1	JOBSTREAM_1041	JA_BAT01	BD601C200N06111D	-	-
BAPBC2	JOBSTREAM_1042	JA_BAT02	BD601C200N06112D	-	-
BAPBS3	JOBSTREAM_1043	JA_BAT03	BD601C200N06113D	-	-
CAPBD4	JOBSTREAM_1044	JA_BAT04	BD601C200N06114D	-	-
XAPBZ5	JOBSTREAM_1045	JA_BAT05	BD601C200N06115D	-	-
QAPSS6	JOBSTREAM_1046	JA_BAT06	BD601C200N06116D	-	-
SSAPA7	JOBSTREAM_1047	JA_BAT07	BD601C200N06117D	-	-
RRPBE8	JOBSTREAM_1048	JA_BAT08	BD601C200N06118D	-	-
RTPBE9	JOBSTREAM_1049	JA_BAT09	BD601C200N06119D	-	-
YYPBE1	JOBSTREAM_1060	JA_BAT02	BD601C200N06110D	-	-
UUPBE2	JOBSTREAM_1060	JA_BAT02	BD601C200N06110D	-	-
IIPBE3	JOBSTREAM_1040	JA_BAT02	BD601C200N06110D	-	-
OOD333	JOBSTREAM_1040	JA_BAT02	BD601C200N06110D	-	-
SAP001	JOBSTREAM_1040	JA_BAT02	BD601C200N06110D	-	-
SAPEE2	JOBSTREAM_1040	JA_BAT02	BD601C200N06110D	-	-
15 record(s) selected.					
DEP_JOB_WKS_NAME	DEP_JOB_NAME	DEP_JOB_CRITICAL	DEP_JOB_DEFINITION_NAME		
JA_BAT02	BD611C200	Y	BD611C200		
JA_BAT02	BD608C200	Y	BD608C200		
JA_BAT03	BD604C200	Y	BD604C200		
JA_BAT03	BD611C200	N	BD611C200		
JA_BAT03	BD607C200	N	BD607C200		
JA_BAT05	BM111F600	N	BM111F600		
JA_BAT05	BD691C200	N	BD691C200		
JA_BAT01	BY154F900	N	BY154F900		
JA_BAT01	BD122C200	N	BD122C200		
JA_BAT01	BDENE-DMY	N	BDENE-DMY		
JA_BAT01	BD122C200	N	BD122C200		
JA_BAT04	BR115B100	N	BR115B100		
JA_BAT04	BD608C200	Y	BD608C200		
JA_BAT04	BM101F700	Y	BM101F700		
JA_BAT04	BY105F000	N	BY105F000		

## JOB\_STREAM\_REFS\_V

The JOB\_STREAM\_REFS\_V view displays information about job streams.

Table 23. The JOB\_STREAM\_REFS\_V view

Column name	Description	Type	Length
Workstation_name	The name of the workstation where the job stream is defined.	string	16
Job_stream_name	The name of the job stream for which you want information displayed.	string	16
Job_stream_valid_from	The starting date from which the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Job_stream_valid_to	The last date that the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Calendar_name	The name of the non-working days calendar.	string	16

### Output example

Table 24 shows an example of the output for the JOB\_STREAM\_REFS\_V view.

Table 24. JOB\_STREAM\_REFS\_V view output example

WORKSTATION_NAME	JOB_STREAM_NAME	JOB_STREAM_VALID_FROM	JOB_STREAM_VALID_TO	CALENDAR_NAME
F134091S1_17	JOBSTREAM_1040	-	-	-
F237024S1_10	JOBSTREAM_2125	-	-	-
F135079S1_19	JOBSTREAM_1455	-	-	-
F134092S1_17	JOBSTREAM_0600	-	-	-
F237024S1_11	JOBSTREAM_2155	-	-	-
F237024S1_09	JOBSTREAM_2025	-	-	-
F134091S1_04	JOBSTREAM_0735	-	-	-
F237024S1_05	JOBSTREAM_2055	-	-	-
F135079S1_05	OBSTREAMM_0045	-	-	-
F237024S1_18	JOBSTREAM_2200	-	-	-
F134091S1_16	JOBSTREAM_1020	-	-	-
F237024S1_17	JOBSTREAM_2235	-	-	-
F134091S1_03	JOBSTREAM_0715	-	-	-
F237024S1_14	JOBSTREAM_2120	-	-	-
F135187S1_14	JOBSTREAM_1740	-	-	-

15 record(s) selected.

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## LOG\_MESSAGES\_V

The LOG\_MESSAGES\_V view displays information about the messages logged by the actions.

Table 25. The LOG\_MESSAGES\_V view

Column name	Description	Type	Length
Log_time	The time when the message associated with the action was logged.	timestamp	26 35 In DB2 In Oracle
Information_type	The type of message that was logged. Possible values are: <b>I</b> Informational <b>W</b> Warning <b>E</b> Error	character	1
Event_rule_name	The name of the event rule associated with the action.	string	40
Event_rule_type	The type of event rule. Possible values are: <b>F</b> Filter <b>Q</b> Sequence <b>S</b> Set	character	1
Event_scope	The scope of the event. That is the most meaningful information related to the event. The plug-in defines the information to be inserted.	string	120
Event_type	The type of event.	string	40
Source	The source string defined in the log action	string	128
Line_of_business	The line of business defined in the log action.	string	128
Owner_group	The owner group defined in the log action.	string	128
Message	The text of the message written to the log file.	string	512

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## PLAN\_DOMAINS\_V

The PLAN\_DOMAINS\_V view displays information about the domains in the plan.

*Table 26. The PLAN\_DOMAINS\_V view*

Column name	Description	Type	Length
Domain_id	The identifier of the domain.	character	16
Parent_domain_id	The identifier of the parent domain.	character	16
Domain_Name	The name of the domain specified in the <b>Domain_id</b> column.	string	16
Parent_domain_name	The name of the domain that is parent of the domain specified in the <b>Domain_id</b> column.	string	16
Domain_manager_name	The name of the domain manager of the domain specified in the <b>Domain_id</b> column.	string	16

## PLAN\_FILE\_REFS\_V

The PLAN\_FILE\_REFS\_V view displays information about jobs and job streams in plan that depend on a file.

Table 27. The PLAN\_FILE\_REFS\_V view

Column name	Description	Type	Length
File_name	The name of the file where the dependency is defined.	string	148
Qualifiers	The qualifier of the file specified in the <b>File_id</b> column.	string	148
File_id	The identifier of the file where the dependency is defined.	character	16
File_wks_id	The identifier of the workstation where the file specified in the <b>File_id</b> column is defined.	character	16
File_wks_name	The name of the workstation where the file specified in the <b>File_id</b> column is defined.	string	16
Job_stream_refs_id	The identifier of the job stream that depends on the file specified in the <b>File_id</b> column.	character	16
Job_refs_id	The identifier of the job that depends on the file specified in the <b>File_id</b> column.	character	16
Job_refs_js_wks_name	The name of the workstation of the job's job stream that depends on the file specified in the <b>File_id</b> column.	string	16
Job_refs_js_name	The name of the job's job stream that depends on the file specified in the <b>File_id</b> column.	string	16
Job_refs_js_sched_time	The input arrival time of the job's job stream that depends on the file specified in the <b>File_id</b> column.	timestamp	10
Job_refs_wks_name	The name of the workstation of the job that depends on the file specified in the <b>File_id</b> column.	string	16
Job_refs_name	The name of the job that depends on the file specified in the <b>File_id</b> column.	string	40
Job_stream_refs_wks_name	The name of the workstation of the job stream that depends on the file specified in the <b>File_id</b> column.	string	16
Job_stream_refs_name	The name of the job stream that depends on the file specified in the <b>File_id</b> column.	string	16
Job_stream_refs_sched_time	The input arrival time of the job stream that depends on the file specified in the <b>File_id</b> column.	timestamp	10
Satisfied	If the file dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The file dependency status. Possible values are: S Satisfied N Not_satisfied U Undecided	character	1

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## PLAN\_FILES\_V

The PLAN\_FILES\_V view displays information about the files in the plan.

Table 28. The PLAN\_FILES\_V view

Column name	Description	Type	Length
File_id	The identifier of the file.	character	16
File_name	The name of the file.	string	148
Workstation_id	The identifier of the workstation where the file specified in the <b>File_id</b> column is defined.	character	16
Workstation_name	The name of the workstation where the file specified in the <b>File_id</b> column is defined.	string	16
Status	The file status. Possible values are: <b>A</b> Available <b>N</b> Not_available <b>U</b> Undecided	character	16
Qualifiers	The qualifier of the file specified in the <b>File_id</b> column.	string	148

## PLAN\_JOB\_PREDECESSORS\_V

The PLAN\_JOB\_PREDECESSORS\_V view displays information about jobs and job streams predecessors of a job in the plan.

Table 29. The PLAN\_JOB\_PREDECESSORS\_V view

Column name	Description	Type	Length
Job_name	The name of the job on which the dependency is defined.	string	40
Job_stream_wks_name	The name of the workstation of the job's job stream on which the dependency is defined.	string	16
Job_stream_name	The name of the job's job stream on which the dependency is defined.	string	16
Job_wks_name	The name of the workstation of the job on which the dependency is defined.	string	40
Job_id	The identifier of the job on which the dependency is defined.	character	16
Job_stream_pred_id	The identifier of the job's job stream that depends on the job specified in the <b>Job_id</b> column.	character	16
Job_pred_id	The identifier of the job that depends on the job specified in the <b>Job_id</b> column.	character	16
Job_pred_js_wks_name	The name of the workstation of the job's job stream that depends on the job specified in the <b>Job_id</b> column.	string	16
Job_pred_js_name	The name of the job's job stream that depends on the job specified in the <b>Job_id</b> column.	string	16
Job_pred_js_sched_time	The input arrival time of the job's job stream that depends on the job specified in the <b>Job_id</b> column.	timestamp	10
Job_pred_wks_name	The name of the workstation of the job that depends on the job specified in the <b>Job_id</b> column.	string	16
Job_pred_name	The name of the job that depends on the job specified in the <b>Job_id</b> column.	string	40
Job_stream_pred_wks_name	The name of the workstation of the job stream that depends on the job specified in the <b>Job_id</b> column.	string	16
Job_stream_pred_name	The name of the job stream that depends on the job specified in the <b>Job_id</b> column.	string	16
Job_stream_pred_sched_name	The input arrival time of job stream that depends on the job specified in the <b>Job_id</b> column.	timestamp	10
Satisfied	If the job's dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The job's dependency status. Possible values are: S Satisfied N Not_atisfied U Undecided	character	1
Dependency_type	The job's dependency type. Possible values are: I Internal J External_job S External_job_stream N Internetwork	character	1



## PLAN\_JOB\_STREAM\_PREDECESSORS\_V

The PLAN\_JOB\_STREAM\_PREDECESSORS\_V view displays information about jobs and job streams predecessors of a job stream in the plan.

Table 30. The PLAN\_JOB\_STREAM\_PREDECESSORS\_V view

Column name	Description	Type	Length
Job_stream_id	The identifier of the job stream on which the dependency is defined.	character	16
Job_stream_wks_name	The name of the workstation of the job stream on which the dependency is defined.	string	16
Job_stream_name	The name of the job stream on which the dependency is defined.	string	16
Job_stream_pred_id	The identifier of the job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	character	16
Job_pred_id	The identifier of the job that depends on the job stream specified in the <b>Job_stream_id</b> column.	character	16
Job_pred_js_wks_name	The name of the workstation of the job's job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_pred_js_name	The name of the job's job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_pred_js_sched_time	The input arrival time of the job's job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	timestamp	10
Job_pred_wks_name	The name of the workstation of the job that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_pred_name	The name of the job that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	40
Job_stream_pred_wks_name	The name of the workstation of the job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_stream_pred_name	The name of the job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_stream_pred_sched_time	The input arrival time of the job stream that depends on the job stream specified in the <b>Job_stream_id</b> column.	timestamp	10
Satisfied	If the job stream's dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The job stream's dependency status. Possible values are: S Satisfied N Not_satisfied U Undecided	character	1
Dependency_type	The job stream's dependency type. Possible values are: I Internal J External_job S External_job_stream N Internetwork	character	1

## PLAN\_JOB\_STREAM\_SUCCESORS\_V

The PLAN\_JOB\_STREAM\_SUCCESORS\_V view displays information about jobs and job streams successors of a job stream in the plan.

Table 31. The PLAN\_JOB\_STREAM\_SUCCESORS\_V view

Column name	Description	Type	Length
Job_stream_name	The name of the job stream on which the successor is defined.	string	16
Job_stream_wks_name	The name of the workstation of the job stream on which the successor is defined.	string	16
Job_stream_id	The identifier of the job stream on which the successor is defined.	character	16
Job_wks_name	The name of the workstation of the job on which the successor is defined.	character	16
Job_stream_succ_id	The identifier of the job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	character	16
Job_succ_js_wks_name	The name of the workstation of the job's job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_succ_js_name	The name of the job's job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_succ_js_sched_time	The input arrival time of the job's job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	timestamp	10
Job_succ_wks_name	The name of the workstation of the job that follows the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_succ_name	The name of the job that follows the job stream specified in the <b>Job_stream_id</b> column.	string	40
Job_stream_succ_wks_name	The name of the workstation of the job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_stream_succ_name	The name of the job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_stream_succ_sched_time	The input arrival time of the workstation of the job stream that follows the job stream specified in the <b>Job_stream_id</b> column.	timestamp	10
Satisfied	If the job stream's dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The job stream's dependency status. Possible values are: S Satisfied N Not_satisfied U Undecided	character	1

## PLAN\_JOB\_SUCCESORS\_V

The PLAN\_JOBS\_SUCCESORS\_V view displays information about jobs and job streams successors of a job in the plan.

Table 32. The PLAN\_JOBS\_SUCCESORS\_V view

Column name	Description	Type	Length
Job_name	The name of the job on which the successor is defined.	string	40
Job_stream_wks_name	The name of the workstation of the job's job stream on which the successor is defined.	string	16
Job_stream_name	The name of the job's job stream on which the successor is defined.	string	16
Job_wks_name	The name of the workstation of the job on which the successor is defined.	string	16
Job_id	The identifier of the job on which the successor is defined.	character	16
Job_stream_succ_id	The identifier of the job stream that follows the job specified in the <b>Job_id</b> column.	character	16
Job_succ_id	The identifier of the job that follows the job specified in the <b>Job_id</b> column.	character	16
Job_succ_js_wks_name	The name of the workstation of the job's job stream that follows the job specified in the <b>Job_id</b> column.	string	16
Job_succ_js_name	The name of the job's job stream that follows the job specified in the <b>Job_id</b> column.	string	16
Job_succ_js_sched_time	The input arrival time of the job's job stream that follows the job specified in the <b>Job_id</b> column.	timestamp	10
Job_succ_wks_name	The name of the workstation of the job that follows the job specified in the <b>Job_id</b> column.	string	16
Job_succ_name	The name of the job that follows the job specified in the <b>Job_id</b> column.	string	40
Job_stream_succ_wks_name	The name of the workstation of the job stream that follows the job specified in the <b>Job_id</b> column.	string	16
Job_stream_succ_name	The name of the job stream that follows the job specified in the <b>Job_id</b> column.	string	16
Job_stream_succ_sched_time	The input arrival time of the workstation of the job stream that follows the job specified in the <b>Job_id</b> column.	timestamp	10
Satisfied	If the job's dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The job's dependency status. Possible values are: S Satisfied N Not_satisfied U Undecided	character	1

## PLAN\_JOB\_STREAMS\_V

The PLAN\_JOB\_STREAMS\_V view displays information about job streams in the plan.

Table 33. The PLAN\_JOB\_STREAMS\_V view

Column name	Description	Type	Length
Job_stream_id	The job stream identifier.	character	16
Workstation_id	The identifier of the workstation of the job stream specified in the <b>Job_stream_id</b> column.	character	16
Workstation_name	The name of the workstation of the job stream specified in the <b>Job_stream_id</b> column.	string	16
Job_stream_name	The name of the job stream specified in the <b>Job_stream_id</b> column.	string	16
Scheduled_time	The input arrival time of the job stream specified in the <b>Job_stream_id</b> column.	timestamp	10
Internal_identifier	The unique alphanumeric job stream identifier that is automatically generated by Tivoli Workload Scheduler and assigned to the job stream.	character	16
Actual_start	The time at which the job stream specified in the <b>Job_stream_id</b> column actually started, if it has completed running.	timestamp	10
Deadline	The time within which the job stream specified in the <b>Job_stream_id</b> column must complete.	timestamp	10
Earliest_start	The date and time at which the job stream specified in the <b>Job_stream_id</b> column is planned to start.	timestamp	10
Latest_start	The latest time at which the job stream specified in the <b>Job_stream_id</b> column must be completed.	timestamp	10
Estimated_duration	The expected duration time of the job stream specified in the <b>Job_stream_id</b> column.	integer	12
Jobs_limit	The number of jobs in the job stream specified in the <b>Job_stream_id</b> column that can run concurrently.	integer	4
Status	The job stream status. Possible values are: <b>C</b> Canceled <b>H</b> Held <b>W</b> Waiting <b>B</b> Blocked <b>R</b> Ready <b>S</b> Running <b>O</b> Successful <b>E</b> Error <b>U</b> Undecided <b>X</b> Suppressed	character	1

Table 33. The PLAN\_JOB\_STREAMS\_V view (continued)

Column name	Description	Type	Length
Internal_status	The job stream internal status. Possible values are: <b>A</b> Ready <b>B</b> Hold <b>C</b> Exec <b>D</b> Exec_bm <b>E</b> Stuck <b>F</b> Abend <b>G</b> Succ <b>H</b> Cancel <b>I</b> Unknown <b>J</b> User_stream <b>K</b> Cancel_p <b>L</b> Add <b>M</b> Restart_job <b>N</b> Fail <b>O</b> Mpe_susp <b>P</b> Mpe_wait <b>Q</b> Mpe_intro <b>R</b> Mpe_intro_bm <b>S</b> Mpe_waitd <b>T</b> Mpe_sched <b>U</b> Abend_p <b>V</b> Succ_p <b>W</b> End_p <b>X</b> Extrn <b>Y</b> Error <b>Z</b> Held <b>1</b> Jss <b>2</b> Fence <b>3</b> Bound	character	1
Late	If the job stream is late. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Monitored	If the job stream is monitored. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Original_job_stream	The original name of the job stream, for job streams that are submitted with an alias name.	string	16
Record_number	The record number.	integer	12
Elapsed_time	The amount of time that the job stream took to run, for this run.	integer	12
Priority	The priority assigned to the job stream specified in the <b>Job_stream_id</b> column.	integer	3
Original_priority	The original priority assigned to the job stream specified in the <b>Job_stream_id</b> column.	integer	3
Total_jobs	The number of total jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10
Abend_jobs	The number of abended jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10
Executing_jobs	The number of executing jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10
Failed_jobs	The number of failed jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10

Table 33. The PLAN\_JOB\_STREAMS\_V view (continued)

Column name	Description	Type	Length
Successful_jobs	The number of successful jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10
Not_running_jobs	The number of not running jobs in the job stream specified in the <b>Job_stream_id</b> column.	integer	10
Undecided_jobs	The number of undecided jobs in the job stream specified <b>Job_stream_id</b> column.	integer	10
Total_dependencies	The number of dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Job_dependencies	The number of job dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Job_stream_dependencies	The number of job stream dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Internetwork_dependencies	The number of internetwork dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Prompt_dependencies	The number of prompt dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Resource_dependencies	The number of resource dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
File_dependencies	The number of file dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Unresolved_dependencies	The number of unresolved dependencies of the job stream specified in the <b>Job_stream_id</b> column.	integer	5
Timezone	Time zone of the job stream specified in the <b>Job_stream_id</b> column.	string	40

## PLAN\_JOBS\_V

The PLAN\_JOBS\_V view displays information about jobs in plan.

Table 34. The PLAN\_JOBS\_V view

Column name	Description	Type	Length
Job_id	The job identifier.	character	16
Job_workstation_id	The identifier of the workstation of the job specified in the <b>Job_id</b> column.	character	16
Job_workstation_name	The name of the workstation of the job specified in the <b>Job_id</b> column.	string	16
Job_name	The name of the job specified in the <b>Job_id</b> column.	string	40
Job_stream_workstation_id	The identifier of the workstation of the job's job stream specified in the <b>Job_id</b> column.	character	16
Job_stream_id	The identifier of the job stream of the job specified in the <b>Job_id</b> column.	character	16
Job_stream_workstation_name	The name of the workstation of the job's job stream specified in the <b>Job_id</b> column.	string	16
Job_stream_name	The name of the job's job stream specified in the <b>Job_id</b> column.	string	16
Scheduled_time	The input arrival time of the job's job stream specified in the <b>Job_id</b> column.	timestamp	10
Job_type	The type of job specified in the <b>Job_id</b> column.	string	50
Actual_start	The time at which the job specified in the <b>Job_id</b> column actually started, if it has completed running.	timestamp	10
Actual_end	The time at which the job specified in the <b>Job_id</b> column actually finished, if it has completed running.	timestamp	10
Deadline	The time within which the job specified in the <b>Job_id</b> column must complete.	timestamp	10
Earliest_start	The date and time at which the job specified in the <b>Job_id</b> column is planned to start.	timestamp	10
Estimated_duration	The estimated run time for the job specified in the <b>Job_id</b> column.	integer	12
Status	The job status. Possible values are: <b>C</b> Canceled <b>H</b> Held <b>W</b> Waiting <b>B</b> Blocked <b>R</b> Ready <b>S</b> Running <b>O</b> Successful <b>E</b> Error <b>U</b> Undecided <b>X</b> Suppressed	character	1

Table 34. The PLAN\_JOBS\_V view (continued)

Column name	Description	Type	Length
Internal_status	The job internal status. Possible values are: <b>A</b> Ready <b>B</b> Hold <b>C</b> Exec <b>D</b> Exec_bm <b>E</b> Stuck <b>F</b> Abend <b>G</b> Succ <b>H</b> Cancel <b>I</b> Unknown <b>J</b> User_stream <b>K</b> Cancel_p <b>L</b> Add <b>M</b> Restart_job <b>N</b> Fail <b>O</b> Mpe_susp <b>P</b> Mpe_wait <b>Q</b> Mpe_intro <b>R</b> Mpe_intro_bm <b>S</b> Mpe_waitd <b>T</b> Mpe_sched <b>U</b> Abend_p <b>V</b> Succ_p <b>W</b> End_p <b>X</b> Extrn <b>Y</b> Error <b>Z</b> Held <b>1</b> Jss <b>2</b> Fence <b>3</b> Bound	character	1
Job_number	For UNIX, the process identification number (PID) of the job. For Windows, the an incremental number assigned by Tivoli Workload Scheduler.	integer	10
Priority	The priority assigned to the job specified in the <b>Job_id</b> column.	integer	3
Original_priority	The original priority assigned to the job specified in the <b>Job_id</b> column.	integer	3
Return_code	The return code assigned to the job specified in the <b>Job_id</b> column.	integer	10
Record_number	The record number.	integer	12
Maximum_duration	The maximum amount of time that the job run can last.	integer	12
Minimum_duration	The minimum amount of time that the job run must last.	integer	12
Critical	If the job is critical. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Critical_latest_start	The latest time that the specified in the <b>Job_id</b> column can start, so as to allow the critical job (for which this job is a predecessor) to complete successfully.	timestamp	10
Monitored	If the job is monitored. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1



Table 34. The PLAN\_JOBS\_V view (continued)

Column name	Description	Type	Length
Promoted	If the job is promoted. Possible values are: Y Yes N No	character	1
Every_frequency	The time interval in hours and minutes between runs of the job specified in the <b>Job_id</b> column.	integer	12
Latest_start	The latest time that the job specified in the <b>Job_id</b> column can start, expressed in the time zone set.	timestamp	10
Interactive	If the job is interactive. Possible values are: Y Yes N No	character	1
Return_code_mapping	The mapping between the job return code and the expression.	string	256
Task_string	The task that the job performs.	string	1048576
Total_dependencies	The total number of dependencies that depend on the job specified in the <b>Job_id</b> column.	integer	5
Job_dependencies	The number of jobs that depend on the job specified in the <b>Job_id</b> column.	integer	5
Job_stream_dependencies	The number of job streams that depend on the job specified in the <b>Job_id</b> column.	integer	5
Internetwork_dependencies	The number of internetwork jobs that depend on the job specified in the <b>Job_id</b> column.	integer	5
Prompt_dependencies	The number of prompts that depend on the job specified in the <b>Job_id</b> column.	integer	5
Resource_dependencies	The number of resources that depend on the job specified in the <b>Job_id</b> column.	integer	5
File_dependencies	The number of files that depend on the job specified in the <b>Job_id</b> column.	integer	5
Not_satisfied_dependencies	The number of dependencies that depend on the job specified in the <b>Job_id</b> column but that are not satisfied.	integer	5
Login	The name of the operating system user who launches the job specified in the <b>Job_id</b> column.	string	47
Last_in_chain	If the job is the last in the rerun chain. Possible values are: Y Yes N No	character	1
Rerun_type	The job rerun type. Possible values are: R Rerun as E Rerun every F Rerun from C Recovery rerun	character	1
Recovery_option	The job recovery option. Possible values are: S Stop C Continue R Rerun	character	1
Recovery_job_id	The identifier of the recovery job.	character	16
Head_job_id	The identifier of the head job of the rerun chain related to the job specified in the <b>Job_id</b> column.	character	16
Head_job_name	The name of the head job of the rerun chain related to the job specified in the <b>Job_id</b> column.	string	40

## PLAN\_PROMPT\_REFS\_V

The PLAN\_PROMPT\_REFS\_V view displays information about jobs and job streams in the plan that depend on a prompt.

Table 35. The PLAN\_PROMPT\_REFS\_V view

Column name	Description	Type	Length
Prompt	The name of the prompt on which the dependency is defined.	string	148
Prompt_number	The number of the prompt specified in the <b>Prompt_id</b> column.	integer	10
Message_text	The text message of the prompt specified in the <b>Prompt_id</b> column.	string	200
Prompt_id	The identifier of the prompt on which the dependency is defined.	character	16
Job_stream_refs_id	The identifier of the job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	character	16
Job_refs_id	The identifier of the job that depends on the prompt specified in the <b>Prompt_id</b> column.	character	16
Job_refs_js_wks_name	The name of the workstation of the job's job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	string	16
Job_refs_js_name	The name of the job's job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	string	16
Job_refs_js_sched_time	The input arrival time of the job's job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	timestamp	10
Job_refs_wks_name	The name of the workstation of the job that depends on the prompt specified in the <b>Prompt_id</b> column.	string	16
Job_refs_name	The name of the job that depends on the prompt specified in the <b>Prompt_id</b> column.	string	40
Job_stream_refs_wks_name	The name of the workstation of the job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	string	16
Job_stream_refs_name	The name of the job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	string	16
Job_stream_refs_sched_time	The input arrival time of the job stream that depends on the prompt specified in the <b>Prompt_id</b> column.	timestamp	10
Satisfied	If the prompt dependency is satisfied. Possible values are: Y Yes N No	character	1
Prompt_type	The prompt type. Possible values are: L Ad-hoc G Predefined R Restart	character	1
Status	The prompt status. Possible values are: A Asked T Not_asked Y Answered_yes N Answered_no	character	1

---

## PLAN\_PROMPTS\_V

The PLAN\_PROMPTS\_V view displays information about prompts in the plan.

Table 36. The PLAN\_PROMPTS\_V view

Column name	Description	Type	Length
Prompt_id	The identifier of the prompt.	character	16
Prompt_name	The name of the prompt.	string	148
Prompt_number	The number of the prompt.	integer	10
Workstation_id	The workstation identifier.	character	16
Workstation_name	The workstation name.	string	16
Asked_time	The time on which the prompt is asked.	timestamp	10
Status	The prompt status. Possible values are: <b>A</b> Available <b>N</b> Not_available <b>U</b> Undecided	character	1
Message_text	Text of the message.	string	200
Prompt_type	The prompt type. Possible values are: <b>L</b> Local <b>G</b> Global <b>R</b> Restart	character	1

## PLAN\_RESOURCE\_REFS\_V

The PLAN\_RESOURCE\_REFS\_V view displays information about jobs and job streams in the plan that depend on a resource.

Table 37. The PLAN\_RESOURCE\_REFS\_V view

Column name	Description	Type	Length
Resource_name	The name of the resource on which the dependency is defined.	string	148
Quantity_defined	The total quantity defined on the resource specified in the <b>Resource_id</b> column.	integer	4
Quantity_available	The quantity of the resource specified in the <b>Resource_id</b> column that is not used.	integer	4
In_use	The quantity in use on the resource specified in the <b>Resource_id</b> column.	integer	4
Resource_wks_id	The identifier of the workstation on which the resource specified in the <b>Resource_id</b> column is defined.	character	16
Resource_wks_name	The name of the workstation on which the resource specified in the <b>Resource_id</b> column is defined.	string	16
Resource_id	The identifier of the resource on which the dependency is defined.	character	16
Job_refs_stream_id	The identifier of the job stream that depends on the resource specified in the <b>Resource_id</b> column.	character	16
Job_refs_id	The identifier of the job that depends on the resource specified in the <b>Resource_id</b> column.	character	16
Job_refs_js_wks_id	The name of the workstation of the job's job stream that depends on the resource specified in the <b>Resource_id</b> column.	string	16
Job_refs_js_name	The name of the job's job stream that depends on the resource specified in the <b>Resource_id</b> column.	string	16
Job_refs_js_sched_time	The input arrival time of the job's job stream that depends on the resource specified in the <b>Resource_id</b> column.	timestamp	10
Job_refs_wks_name	The name of the workstation of the job that depends on the resource specified in the <b>Resource_id</b> column.	string	16
Job_refs_name	The name of the job that depends on the resource specified in the <b>Resource_id</b> column.	string	40
Job_stream_refs_wks_name	The name of the workstation of the job stream that depends on the resource specified in the <b>Resource_id</b> column.	string	16
Job_stream_refs_name	The name of the job stream that depends on the resource specified in the <b>Resource_id</b> column.	string	16
Job_stream_refs_sched_time	The input arrival time of the workstation of the job stream that depends on the resource specified in the <b>Resource_id</b> column.	timestamp	10
Satisfied	If the resource dependency is satisfied. Possible values are: Y Yes N No	character	1
Status	The resource status. Possible values are: A Available N Not_available N Undecided	character	1

## PLAN\_RESOURCES\_V

The PLAN\_RESOURCES\_V view displays information about resources in the plan.

Table 38. The PLAN\_RESOURCES\_V view

Column name	Description	Type	Length
Resource_id	The identifier of the resource.	character	16
Resource_name	The name of the resource.	string	148
Resource_number	The number of the resource.	integer	10
Workstation_id	The identifier of the workstation.	character	16
Workstation_name	The name of the workstation.	string	16
Status	The resource status. Possible values are: A Available N Not_available U Undecided	character	1
Available	The number of units available for the resource specified in the <b>Resource_id</b> column.	integer	4
Not_used	The number of units for the resource specified in the <b>Resource_id</b> column that are not used.	integer	4
In_use	The number of units in use for the resource specified in the <b>Resource_id</b> column.	integer	4

## PLAN\_WORKSTATIONS\_V

The PLAN\_WORKSTATIONS\_V view displays information about workstations in the plan.

Table 39. The PLAN\_WORKSTATIONS\_V view

Column name	Description	Type	Length
Workstation_id	The identifier of the workstation.	character	16
Domain_id	The identifier of the domain of the workstation specified in the <b>Workstation_id</b> column.	character	16
Host_workstation_id	The identifier of the workstation that hosts the workstation specified in the <b>Workstation_id</b> column.	character	16
Method	The name of the access method for extended agents workstations.	string	40
Workstation_type	The workstation type status. Possible values are: <b>M</b> Manager <b>F</b> FIA <b>X</b> XA <b>S</b> SA <b>B</b> Broker <b>A</b> Agent <b>L</b> Pool <b>Y</b> Dynamic_pool <b>E</b> Remote_engine	character	1
Behind_firewall	If the workstation is behind the firewall. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Fence	The job fence for the workstation specified in the <b>Workstation_id</b> column.	integer	3
Agent_initialized	If the jobman process is initialized. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Agent_running	If the jobman process is running. Possible values are: <b>Y</b> Yes <b>N</b> No	character	1
Limit	The total number of jobs that can be run concurrently on the workstation specified in the <b>Workstation_id</b> column.	integer	4
Link_status	The workstation link status. Possible values are: <b>L</b> Linked <b>U</b> Unlinked <b>F</b> Fully_linked <b>N</b> Not_applicable	character	1
Workstation_name	The name of the workstation.	string	16
Node_name	The node name of the workstation.	string	51
Ssl_communication	The workstation SSL communication level. Possible values are: <b>O</b> On <b>N</b> None <b>E</b> Enabled <b>F</b> Force <b>H</b> Http <b>S</b> Https	character	1

Table 39. The PLAN\_WORKSTATIONS\_V view (continued)

Column name	Description	Type	Length
Mailman_server	The name of the mailman server responsible for the <b>Workstation_id</b> on the domain manager. It is for fault-tolerant and standard agents only.	character	1
Ssl_port	The number of the secure port to be used for SSL communication.	integer	5
Monitor_config_updated	If the monitor configuration is updated. Possible values are: Y Yes N No	character	1
Start_time	The date and time when the batchman process was started on the workstation.	timestamp	10
Run_number	The run number of the current plan running on the workstation. This is used to synchronize the workstations in a Tivoli Workload Scheduler network.	integer	10
Node_port	The port number of the workstation.	integer	5
Time_zone	The time zone set on the workstation.	string	40
Node_information	The operating system information of the workstation.	string	64
Version	The Tivoli Workload Scheduler version that runs on the workstation.	string	8
Writer_running	If the writer is running. Possible values are: Y Yes N No	character	1
Event_processor	If the event processor is running. Possible values are: Y Yes N No	character	1
Event_monitoring	If the event monitoring is running. Possible values are: Y Yes N No	character	1

---

## PROMPTS\_V

The PROMPTS\_V view displays information about prompts.

*Table 40. The PROMPTS\_V view*

Column name	Description	Type	Length
Prompt_name	The name of the prompt.	string	148
Prompt_value	The text associated with the prompt.	string	200

### Output example

Table 41 shows an example of the output for the PROMPTS\_V view.

*Table 41. PROMPTS\_V view output example*

PROMPT_NAME	PROMPT_VALUE
-----	-----
JOBSTATCOMP	Reply y when statistics complete
JOBSCALCOMP	Reply y when salary has been calculated
PROMPTSTAT	Reply y when statistics completed successfully
3 record(s) selected.	



---

## PROMPT\_REFS\_V

The PROMPT\_REFS\_V view displays information about jobs and job streams that depend on a prompt.

Table 42. The PROMPT\_REFS\_V view

Column name	Description	Type	Length
Prompt_name	The name of the prompt on which the jobs and job streams depend.	string	148
Prompt_text	The text associated with the prompt.	string	200
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the prompt specified in the <b>Prompt_name</b> column is defined.	string	16
Dep_job_stream_name	The name of the job stream that depends on the prompt specified in the <b>Prompt_name</b> column.	string	16
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Dep_job_wks_name	The name of the workstation where the job that depends on the prompt specified in the <b>Prompt_name</b> column is defined.	string	16
Dep_job_name	The name of the job that depends on the prompt specified in the <b>Prompt_name</b> column.	string	40
Dep_job_definition_name	The name of the job definition that depends on the prompt specified in the <b>Prompt_name</b> column.	string	40

---

## PROPERTIES\_V

The PROPERTIES\_V view displays information about global options and properties.

*Table 43. The PROPERTIES\_V view*

Column name	Description	Type	Length
Property_name	The name of the property.	string	50
Property_value	The value of the property.	string	256

## REMOTE\_JOB\_REQUESTS\_V

This view shows the details of the request to bind to a job on a remote engine. The bind request is sent to the remote engine where the job instance resides. Every bind request contains the information to identify the job's instance in the remote engine plan.

Table 44. The REMOTE\_JOB\_REQUESTS\_V view

Column name	Description	Type	Length
Remote_job_identifier	The identifier of the shadow job in the remote engine.	varchar	1000
Remote_job_start_time	The time used to identify the remote job instance in the local plan.	timestamp	10
Interval_start_offset	The relative or absolute offset to define the start of the interval where to look for remote predecessor job instance in the local plan. This column is filled in when a <i>relative</i> or <i>absolute</i> interval based matching criteria is specified in the shadow job definition.	decimal	10
Interval_end_offset	The relative or absolute offset to define the end of the interval where to look for remote predecessor job instance in the local plan. This column is filled in when a <i>relative</i> or <i>absolute</i> interval based matching criteria is specified in the shadow job definition.	decimal	10
Local_workstation_name	The name of the job stream workstation to match in the local plan. It is referenced in the shadow job definition on the remote engine.	varchar	1000
Local_job_stream_name	The name of the job stream to match in the local engine plan. It is referenced in the shadow job definition on the remote engine.	varchar	1000
Local_job_name	The name of the job to match in the local plan. It is referenced in the shadow job definition on the remote engine.	varchar	1000
Local_job_start_time	The time of the job stream instance matched in the local plan.	timestamp	10
Matching_criteria	The matching criteria used to find the required job stream instance to match in the local plan. These are the possible values for this field:  <b>B</b> Closest preceding <b>D</b> On the same day <b>A</b> Within an absolute interval <b>R</b> Within a relative interval	character	1

| Table 44. The REMOTE\_JOB\_REQUESTS\_V view (continued)

Column name	Description	Type	Length
Request_status	<p>The result of the bind request. The request status says whether an existing job instance in the local engine plan matched or not the remote job information specified in the shadow job definition. These are the possible values for this field:</p> <p><b>0</b>      The subscription has been received.</p> <p><b>1</b>      The subscription is waiting for the bind in the Long Term Plan (LTP).</p> <p><b>2</b>      The subscription has been bound in the Long Term Plan.</p> <p><b>3</b>      The subscription is waiting for the bind in the Current Plan (CP).</p> <p><b>4</b>      The subscription has been bound in the Current Plan.</p> <p><b>5</b>      The bind in Long Term Plan failed.</p> <p><b>6</b>      The bind in Current Plan failed.</p>	decimal	2
Notification_URI	The URI where to send back the notification about the remote job status. It is the URI identifying the remote engine where the shadow job is defined.	varchar	1024

---

## RESOURCES\_V

The RESOURCES\_V view displays information about resources.

Table 45. The RESOURCES\_V view

Column name	Description	Type	Length
Workstation_name	The name of the workstation or workstation class associated with the resource.	string	16
Resource_name	The name of the resource.	string	148
Resource_description	The description associated with the resource.	string	120
Resource_units	The number of this resource available.	integer	4

### Output example

Table 46 shows an example of the output for the RESOURCES\_V view.

Table 46. RESOURCES\_V view output example

WORKSTATION_NAME	RESOURCE_NAME	RESOURCE_DESCRIPTION	RESOURCE_UNITS
-----	-----	-----	-----
JA_DWH01	D01-0120	tape type 01	5.
JA_DWH01	D01-0168	tape type 02	6.
JA_DWH01	D01-0170	printer type 777	7.
JA_DWH01	D01-0202	printer type 11	7.
JA_DWH01	D01-0213	printer type 2	7.
JA_DWH01	D01-0217	tape type 01	2.
JA_DWH01	D01-0222	tape type 01	2.
JA_DWH01	D01-0303	tape type 01	7.
JA_DWH01	D01-0306	tape type 01	5.
JA_DWH01	D01-0310	printer type 777	5.
JA_DWH01	D01-0314	printer type 777	7.
JA_DWH01	D01-0363	printer type 777	5.
JA_DWH01	D01-0364	printer type 777	8.
JA_DWH01	D01-0365	printer type 777	5.
JA_DWH01	D01-0367	printer type 777	5.

15 record(s) selected.

## RESOURCE\_REFS\_V

The RESOURCE\_REFS\_V view displays information about jobs and job streams that depend on a resource.

Table 47. The RESOURCE\_REFS\_V view

Column name	Description	Type	Length	
Workstation_name	The name of the workstation where the resource is defined.	string	16	
Resource_name	The name of the resource on which the jobs and job streams depend.	string	148	
Units_available	The number of this resource available for allocation.	integer	4	
Units_allocated	The number of this resource to be allocated to satisfy the dependency.	integer	4	
Dep_job_stream_wks_name	The name of the workstation where the job stream that depends on the resource specified in the <b>Resource_name</b> column is defined.	string	16	
Dep_job_stream_name	The name of the job stream that depends on the resource specified in the <b>Resource_name</b> column.	string	16	
Dep_job_stream_valid_from	The starting date from which the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9	In DB2 In Oracle
Dep_job_stream_valid_to	The last date that the dependent job stream is included in a production plan if selected by a run cycle.	date	10 9	In DB2 In Oracle
Dep_job_wks_name	The name of the workstation where the job that depends on the prompt specified in the <b>Prompt_name</b> column is defined.	string	16	
Dep_job_name	The name of the job that depends on the resource specified in the <b>Resource_name</b> column.	string	40	
Dep_job_definition_name	The name of the job definition that depends on the resource specified in the <b>Resource_name</b> column.	string	40	

### Output example

Table 48 on page 59 shows an example of the output for the RESOURCE\_REFS\_V view.

Table 48. RESOURCE\_REFS\_V view output example

WORKSTATION_NAME	RESOURCE_NAME	UNITS_AVAILABLE	UNITS_ALLOCATED	DEP_JOB_STREAM_WKS_NAME	DEP_JOB_STREAM_NAME	DEP_JOB_STREAM_VALID_FROM
JA_BAT02	B02-0611	4.	1.	JA_BAT02	BD601C200N06110D	-
JA_BAT02	B02-0704	4.	1.	JA_BAT02	BD601C200N07040E	-
JA_BAT03	B03-0621	5.	1.	JA_BAT03	BD601C200N062102	-
JA_BAT03	B03-0711	5.	1.	JA_BAT03	BR172C200N071101	-
JA_BAT03	B03-0639	8.	1.	JA_BAT03	BM201F600N063901	-
JA_BAT05	B05-1206	5.	1.	JA_BAT05	BR230F700N120601	-
JA_BAT05	B05-5013	5.	1.	JA_BAT05	BR081M000N501301	-
JA_BAT05	B05-1368	4.	1.	JA_BAT05	BD601C200N136808	-
JA_BAT05	B05-1363	5.	1.	JA_BAT05	BM601D100N136304	-
JA_BAT04	B05-1156	5.	1.	JA_BAT04	BR062H100N085001	-
JA_BAT04	B04-0817	5.	1.	JA_BAT04	BY100F900N081701	-
JA_BAT04	B04-1176	4.	1.	JA_BAT04	BR184C200N117601	-
JA_BAT01	B01-0510	5.	1.	JA_BAT01	BD101C200N051001	-
JA_BAT01	B01-0614	4.	1.	JA_BAT01	BDEND-DMYN061409	-

15 record(s) selected.

DEP_JOB_STREAM_VALID_TO	DEP_JOB_WKS_NAME	DEP_JOB_NAME	DEP_JOB_DEFINITION_NAME
-	JA_BAT02	BD611C200	BD611C200
-	JA_BAT02	BD608C200	BD608C200
-	JA_BAT03	BD607C200	BD607C200
-	JA_BAT03	BR172C200	BR172C200
-	JA_BAT03	BM201F600	BM201F600
-	JA_BAT05	BR223F700	BR223F700
-	JA_BAT05	BR081M000	BR081M000
-	JA_BAT05	BD691C200	BD691C200
-	JA_BAT05	BM601D100	BM601D100
-	JA_BAT04	BR062H100	BR062H100
-	JA_BAT04	BY154F900	BY154F900
-	JA_BAT04	BR184C200	BR184C200
-	JA_BAT01	BD122C200	BD122C200
-	JA_BAT01	BDEND-DMY	BDEND-DMY

## RUN\_CYCLE\_REFS\_V

The RUN\_CYCLE\_REFS\_V view displays information about when job streams run.

Table 49. The RUN\_CYCLE\_REFS\_V view

Column name	Description	Type	Length
Job_stream_wks_name	The name of the workstation where the job stream is defined.	string	16
Job_stream_name	The name of the job stream.	string	16
Job_stream_valid_from	The starting date from which the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Job_stream_valid_to	The last date that the job stream is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Run_cycle_name	The name of the run cycle associated with the job stream.	string	40
Run_cycle_type	The type of run cycle associated with the job stream. Possible values are: <b>S</b> Simple <b>C</b> Calendar-based <b>R</b> Rule-based	character	1
Run_cycle_definition	The rules defined for the run cycle. If this field is not specified, the run cycle associated with the job stream and specified in the <b>Run_cycle_type</b> column is calendar-based.	string	not defined
Free_days_rule	The non-working day rule associated with the run cycle. Possible values are: <b>N</b> None. Follow no rule. Schedule the job stream regardless of whether the schedule falls on a non-working day or on a workday. <b>B</b> Nearest workday before a non-working day. Counts both workdays and non-working days. If the scheduled date falls on a non-working day, schedule the job stream on the preceding workday. <b>A</b> Nearest workday after a non-working day. Counts both workdays and non-working days. If the scheduled date falls on a non-working day, schedule the job stream on the following workday. <b>X</b> Do not select. Counts both workdays and non-working days. If the scheduled date falls on a non-working day, do not schedule the job stream.	character	1
Run_cycle_inclusive	Whether the run cycle associated with the job stream is inclusive or exclusive. Possible values are: <b>Y</b> Inclusive <b>N</b> Exclusive	character	1
Calendar_name	The name of the calendar on which the run cycle is defined.	string	16



Table 49. The RUN\_CYCLE\_REFS\_V view (continued)

Column name	Description	Type	Length
Offset_type	The type of offset associated with the calendar on which the run cycle is defined. Possible values are: <b>D</b> Days. The day indicated in the calendar plus the specified offset value. <b>W</b> Workdays. The day indicated in the calendar plus the number of workdays. <b>A</b> Weekdays. The day indicated in the calendar plus the weekdays (Monday to Friday).	character	1
Offset_value	The value of the offset associated with the offset type.	integer	4

## Output example

Table 50 shows an example of the output for the RUN\_CYCLE\_REFS\_V view.

Table 50. RUN\_CYCLE\_REFS\_V view output example

JOB_STREAM_WKS_NAME	JOB_STREAM_NAME	JOB_STREAM_VALID_FROM	JOB_STREAM_VALID_TO	RUN_CYCLE_NAME	RUN_CYCLE_TYPE	RUN_CYCLE_DEFINITION
ASPPTY	BD601C200N061	-	-	CALENDARHOLIDAY	C	-
SAYYUSI	BD601C200N062	-	-	CALENDARHOLIDAY	C	-
QQPRSIT	BD601C200N063	-	-	CALENDARHOLIDAY	C	-
DDPDSFR	BD601C200N064	-	-	CALENDARHOLIDAY	C	-
CCCRDJT	BD601C200N065	-	-	CALENDARHOLIDAY	C	-
ZZXETO	BD601C200N066	-	-	CALENDARHOLIDAY	C	-
VVVNMMO	BD601C200N067	-	-	CALENDARHOLIDAY	C	-
GGGRDJT	BD601C200N068	-	-	CALENDARHOLIDAY	C	-
NBMFDSA	BD601C200N069	-	-	CALENDARHOLIDAY	C	-
ASDFGHC	BD601C200N060	-	-	CALENDARHOLIDAY	C	-
RCVBNTR	BD601C200N06Q	-	-	CALENDARHOLIDAY	C	-
GFYUIOP	BD601C200N06W	-	-	CALENDARHOLIDAY	C	-
SWERQAZ	BD601C200N06E	-	-	CALENDARHOLIDAY	C	-
XSWQADFR	BD601C200N06R	-	-	CALENDARHOLIDAY	C	-
WERCVBNM	BD601C200N06T	-	-	CALENDARHOLIDAY	C	-
15 record(s) selected.						
FREE_DAYS_RULE	RUN_CYCLE_INCLUSIVE	CALENDAR_NAME	OFFSET_TYPE	OFFSET_VALUE		
N	Y	CH-CH	W	-1.		
N	Y	CH-CH	W	-1.		
N	Y	CH-CH	W	-1.		
N	Y	CH-CH	W	-1.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	CH-CH	D	0.		
N	Y	PAYDAYS	D	0.		
N	Y	PAYDAYS	D	0.		
N	Y	PAYDAYS	D	0.		
N	Y	PAYDAYS	D	0.		

---

## VARIABLES\_V

Table 51. The VARIABLES\_V view

The VARIABLES\_V view displays information about global parameters, from now on variables.

Column name	Description	Type	Length
Variable_table	The name of the variable table that contains the variable.	string	80
Variable_name	The name of the variable.	string	8
Variable_value	The value associated with the variable.	string	72

For more information, see *User's Guide and Reference - Customizing your workload using variable tables*.

### Output example

Table 52 shows an example of the output for the VARIABLES\_V view.

Table 52. VARIABLES\_V view output example

VARIABLE_TABLE	VARIABLE_NAME	VARIABLE_VALUE
ENVIRONMENT_UNIX	DB2_PATH	/home/db2inst1/sqllib
ENVIRONMENT_UNIX	TEMP_DIR	/tmp
ENVIRONMENT_WINDOWS	DB2_PATH	C:\Program Files\IBM\SQLLIB
ENVIRONMENT_WINDOWS	OFFICE_PATH	C:\Program Files\Microsoft Office
ENVIRONMENT_WINDOWS	TEMP_DIR	C:\Temp

5 record(s) selected.

## VARIABLE\_TABLE\_REFS\_V

Table 53. The VARIABLE\_TABLE\_REFS\_V view

The VARIABLE\_TABLE\_REFS\_V view displays information about job streams, run cycles, and workstations that use variable tables.

Column name	Description	Type	Length
Variable_table	The name of the variable table that contains the variable.	string	80
Is_default	If the variable table is the default variable table. Possible values are: Y Yes N No	character	1
Workstation_name	The name of the workstation that uses the variable table or the name of the workstation on which the job stream that uses the variable table is defined.	string	16
Job_stream_name	The name of the job stream that uses the variable table.	string	16
Job_stream_valid_from	The starting date from which the job stream that uses the variable table is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Job_stream_valid_to	The last date that the dependent job stream that uses the variable table is included in a production plan if selected by a run cycle.	date	10 9 In DB2 In Oracle
Run_cycle_name	The name of the run cycle that uses the variable table.	string	40

## Output example

Table 54 shows an example of the output for the VARIABLE\_TABLE\_REFS\_V view.

Table 54. VARIABLE\_TABLE\_REFS\_V view output example

VARIABLE_TABLE	IS_DEFAULT	WORKSTATION_NAME	JOB_STREAM_NAME	JOB_STREAM_VALID_FROM	JOB_STREAM_VALID_TO	RUN_CYCLE_NAME
TABLE2	N	CPU1	FINAL	-	-	WORKDAYS2
TABLE1	N	CPU1	FINAL	-	-	WORKDAYS1
TABLE1	N	FTA3	JS4	03/31/2008	04/30/2008	-
TABLE4	N	FTA3	JS4	04/30/2008	-	-
TABLE4	N	FTA3	JS4	-	03/31/2008	-
TABLE3	N	FTA3	-	-	-	-

6 record(s) selected.



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