



IBM Software Group

Understanding the Effects of Migrating Snapshots with in-flight instances

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WebSphere® Support Technical Exchange



Agenda

- What are in-flight instances?
- Snapshot deployment – to migrate or not to migrate
- Examples of changes between snapshots
- Demonstration
- Questions

What Are In-flight Instances?

- When a business process definition (BPD) starts, there is one instance (LSW_BPD_INSTANCE) and one or many active tasks. Each active task has a token.
- In-flight instances are not closed and still have open work.
- task_status != 32
- EXECUTION_STATUS_COMPLETED != 2 or 4

Snapshot Deployment

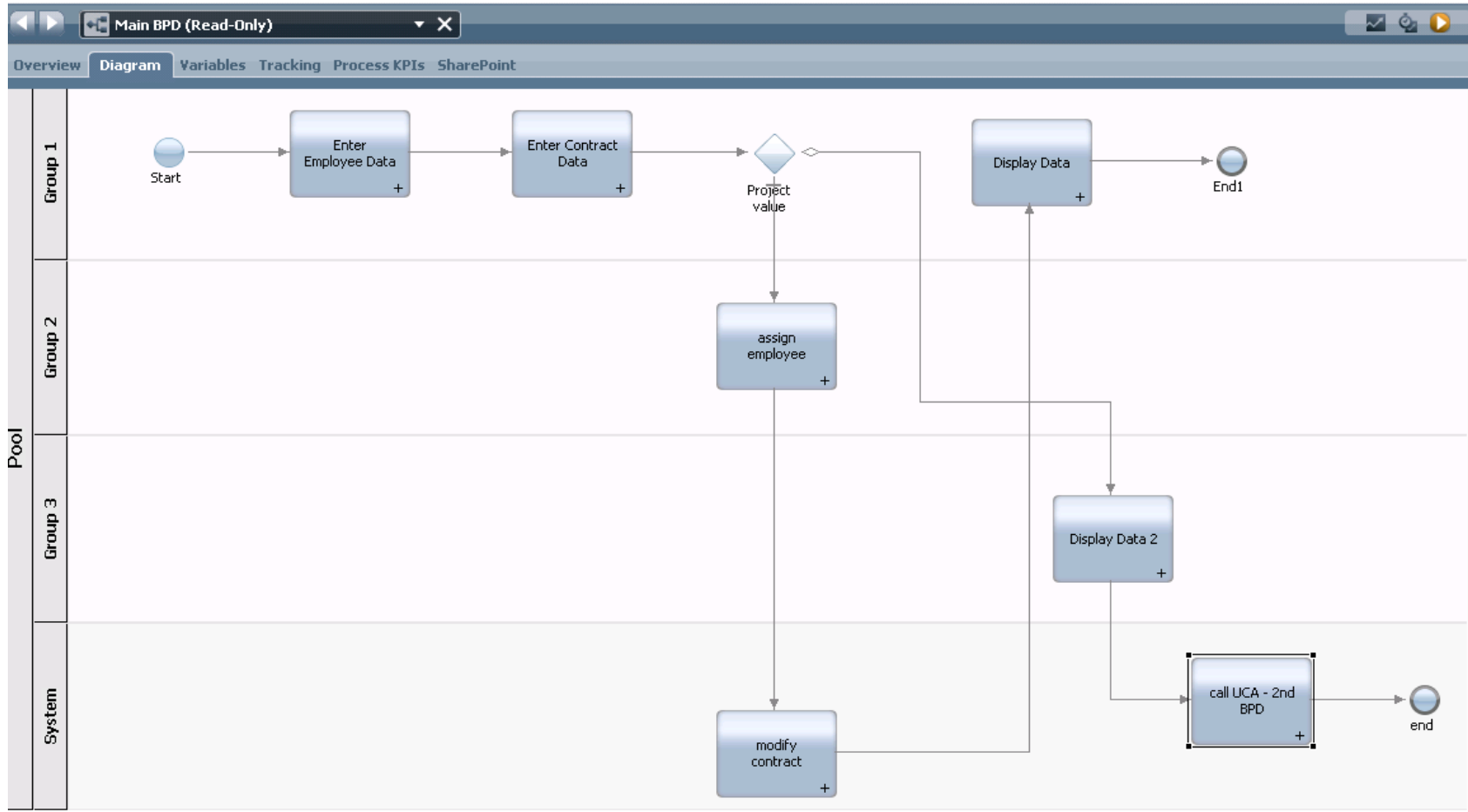
- To migrate or not to migrate – that is the question
- All or nothing, cannot migrate instances based on a filter.
- Delete – not available on servers marked production
- Leave – instances will continue on their target snapshot
- Instances created on deactivated snapshots will reactivate the snapshot



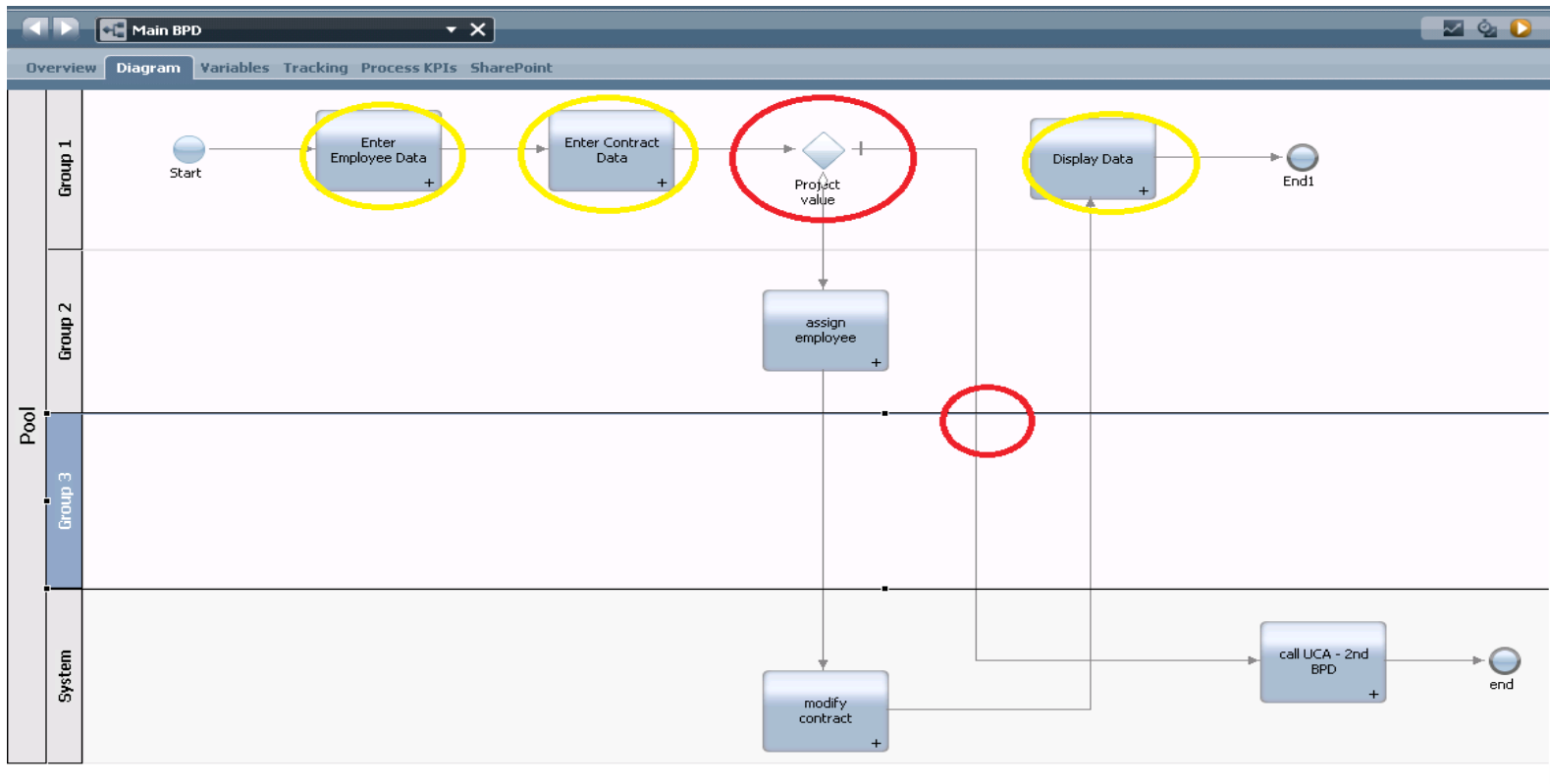
Examples of Changes Between Snapshots

- Cosmetic – formatting to a coach (human service)
- Change in main business variables
- Modification of flow – gateway or swim lane
- UCAs – run on default snapshot

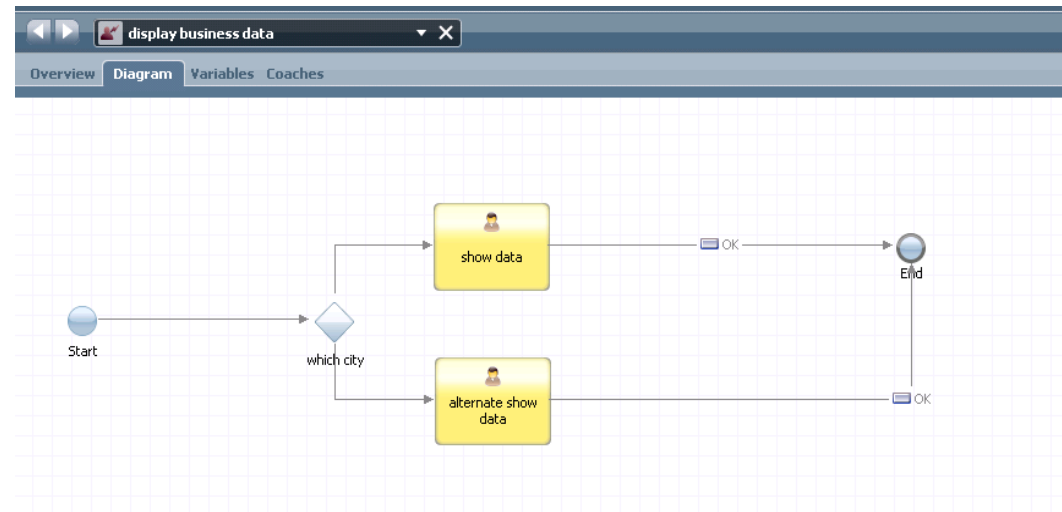
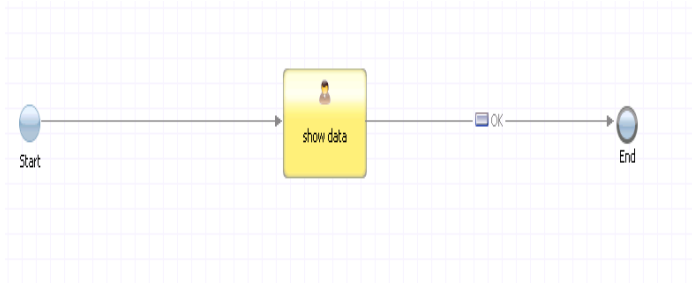
Project - v1.0



Project - v1.5



Display Data



Summary

- Extensive testing between versions is critical.
- Test against a copy of the production database data.
- Backup database before migration of instances

- <http://bpmwiki.blueworkslive.com>

Additional WebSphere Product Resources

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Questions and Answers