

IBM Daeja ViewONE Standard
IBM Daeja ViewONE Professional



Applet Viewer Setup Guide

Version 4.1

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Note

Before using this information and the product it supports, read the information in "Notices" on page 14.

This edition applies to Version 4 Release 1 Modification 0 of IBM® Daeja ViewONE Standard Edition (product number 5725-Q02) and IBM Daeja ViewONE Professional Edition (product number 5725-Q03) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Contents

<i>Contents</i>	5
<i>ibm.com and related resources</i>	7
How to send your comments.....	7
Contacting IBM	7
<i>Introduction</i>	9
IBM Daeja ViewONE Applet User Interface.....	10
<i>Deployment</i>	11
<i>Configuring the Client Viewer</i>	12
<i>Customizing the viewer</i>	13
<i>Notices</i>	14
Trademarks.....	16
Privacy policy considerations	16

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Introduction

IBM® Daeja® ViewONE® Professional is a Java applet that extends your web browser so that you can view, zoom, magnify, scroll, pan, rotate, and print your images and image documents quickly and easily.

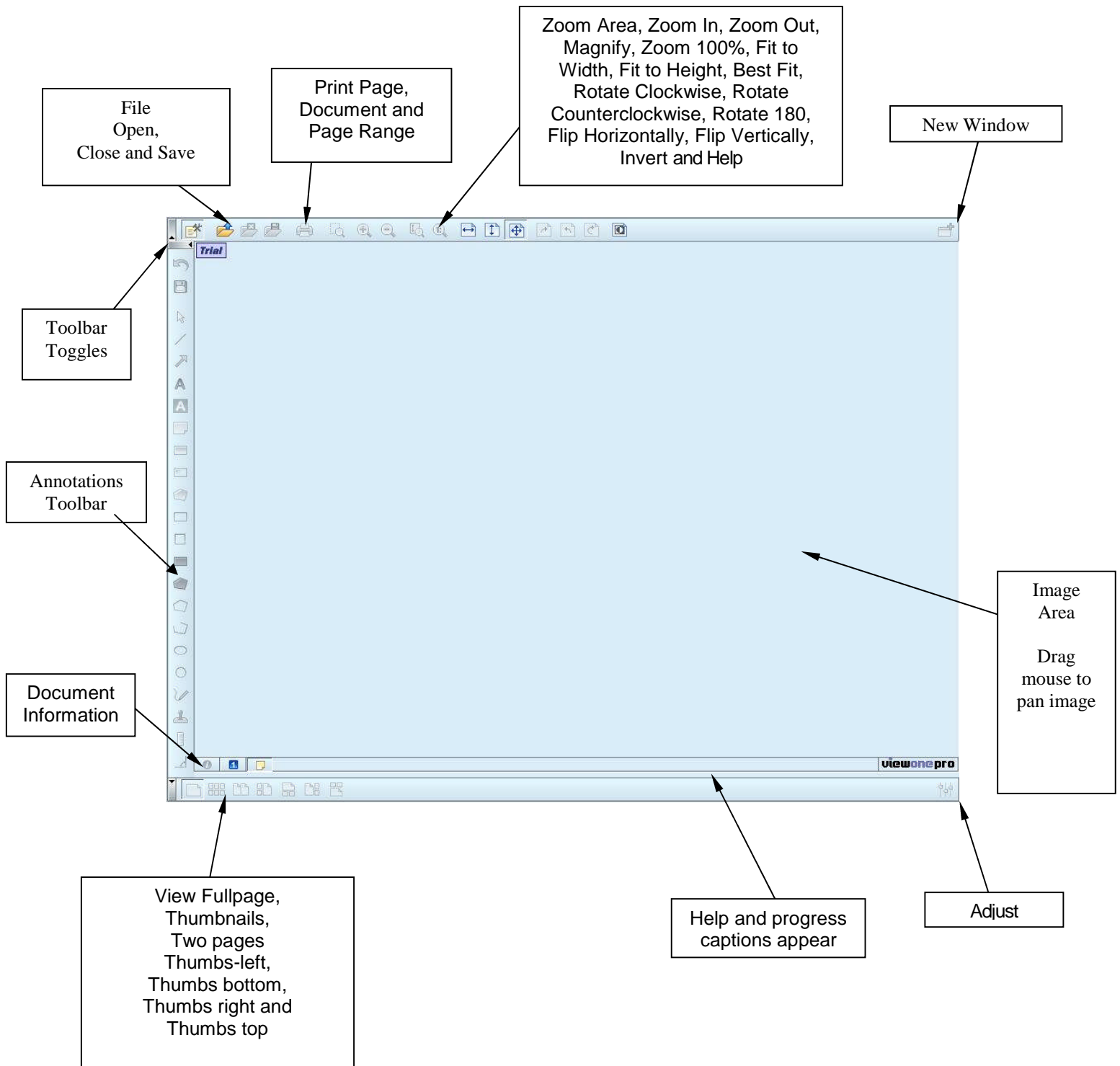
IBM Daeja ViewONE Professional includes the annotations module which allows you to annotate any document that can be rendered in the viewer and further details on how to set up this feature is described in the IBM Daeja ViewONE Annotations Module Setup Guide. HTML parameters and Java Script methods associated with the annotations module are included in the relevant reference manuals.

This document describes how to deploy the applet version of the viewer.

Further documentation on the HTML parameters and JavaScript methods for configuring the applet version is available to download from the following web page:

<http://www.ibm.com/support/docview.wss?uid=swg27041437>

IBM Daeja ViewONE Applet User Interface



Deployment

The applet viewer is deployed as a Java applet. This requires the use of a web server of your choosing to deliver the viewer files to the client machine by using a standard HTTP request. Therefore, the procedure for setting this up depends somewhat on your web server. However, the principles of deployment are the same for any web server.

The abstract instructions that follow assume you have a web server already running and are looking to deploy the Applet viewer into this web server.

This guide starts from the point at which you have downloaded and run the installer which installs all the client viewer files required into a temporary location of your choice.

Extract the set of viewer files “v1files” from under the \client folder along with the supplied configuration file (lic.v1) and you are ready to place the files on a web server.

Copy all viewer files along with the configuration file (lic.v1) into a single folder to any location on your preferred web server. You can name this folder anything you want, but for now it is suggested you use the default “v1files” name for clarity.

In its simplest form, this is all that is required in terms of deploying the Java applet. You are placing a set of viewer files on the web server.

Some web servers require the viewer’s two specific MIME types (.v1 and .ant) to be configured in order for the browser to be able to download them and you should refer to the web server documentation for details on how to do this.

Note also that where you use authentication credentials that are being passed as cookies, the HttpOnly attribute must be disabled for the cookies to be passed through the applet and accepted by the backend repository.

You run the applet through use of HTML and the Applet tag, which points to the location of the viewer files on your web server as described in the next section.

Configuring the Client Viewer

The next stage is to set up the web page that loads the viewer.

To use **IBM Daeja ViewONE Professional** on your website, set up a web page containing the following HTML:

```
<APPLET CODEBASE = "."  
ARCHIVE = "viewone.jar"  
CODE = "com.ibm.dv.client.Viewer.class"  
NAME = "ViewONE"  
WIDTH = "100%"  
HEIGHT = "97%"  
HSPACE = "0"  
VSPACE = "0"  
ALIGN = "middle">  
</APPLET>
```

Note: You must change the "codebase" value to point to the location of the 'v1files' folder that contains the IBM Daeja ViewONE resource files such as the viewone.jar file.

The codebase parameter in this example specifies the location of the main JAR file and other files relative to the location of the HTML page. In this case, it specifies a dot (.) to indicate the current folder.

If you set this page up but the viewer fails to run and you see messages that refer to "java.lang.ClassNotFoundException," try using the full URL to the location of the codebase files rather than a relative path in the first instance, else refer to your web server logs to determine the issue with delivering the viewer files to the client machine.

Customizing the viewer

After you deploy the viewer, the next step is to use the extensive set of HTML parameters and JavaScript methods described in the relevant reference manuals.

These parameters and methods allow you to configure the viewer to work in exactly the way you need and to customize the “look and feel” to fit in with the Enterprise Content Manager system you are integrating with.

The HTML parameters and JavaScript API are typically specified as part of the HTML page that sets up the viewer.

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