

IBM Daeja ViewONE Standard
IBM Daeja ViewONE Professional
IBM Daeja ViewONE Virtual



Annotations Module User Manual

Version 4.1

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IBM Daeja ViewONE Professional
IBM Daeja ViewONE Virtual



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Note

Before using this information and the product it supports, read the information in “Notices” on page 57.

This edition applies to Version 4 Release 1 Modification 0 of IBM® Daeja ViewONE Standard Edition (product number 5725-Q02), IBM Daeja ViewONE Professional Edition (product number 5725-Q03), and IBM Daeja ViewONE Virtual (product number 5725-Q04) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Introduction

IBM® Daeja® ViewONE® is a Java viewer 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.

The IBM Daeja ViewONE Annotations Module allows you to create, view, and edit annotations on image-based documents by using the IBM Daeja ViewONE Java applet.

This document is the *IBM Daeja ViewONE Annotations User Manual*. It assumes you already know how to use IBM Daeja ViewONE without annotations. If this is the first time you have used IBM Daeja ViewONE, read the *IBM Daeja ViewONE User Manual* before going further.

For further information about IBM Daeja ViewONE, consult the following documents:

- IBM Daeja ViewONE User Manual
- IBM Daeja ViewONE JavaScript API Reference Manual
- IBM Daeja ViewONE Annotations Module Setup Guide

These documents are available to download from the following web page:

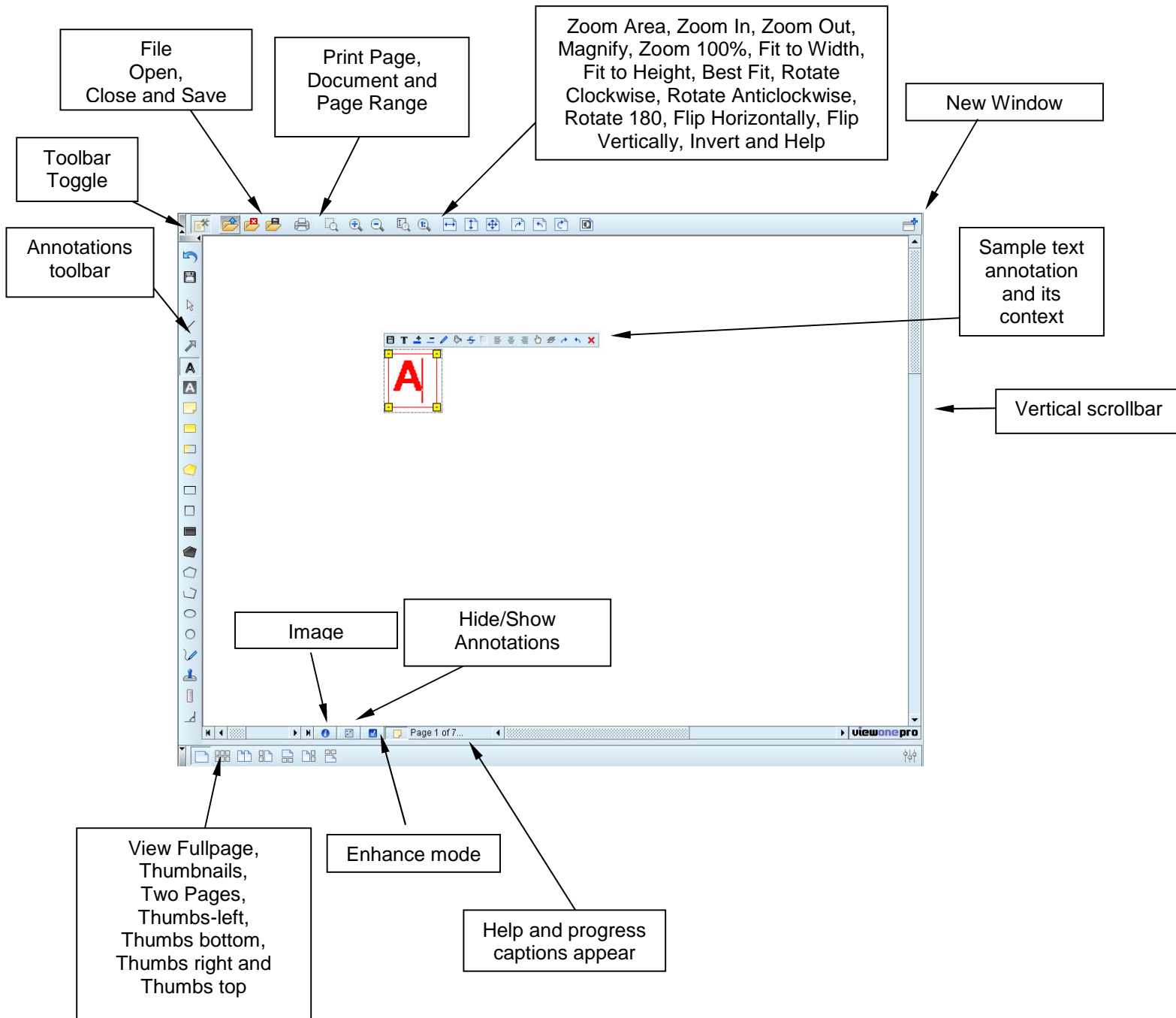
<http://www.ibm.com/support/docview.wss?uid=swg27041437>

Annotations Feature List

The IBM Daeja ViewONE Annotations module adds the following features:

- Powerful, easy to use interface
- Annotation draw features that include:
 - lines
 - arrows
 - text overlays (solid and transparent)
 - sticky notes
 - redaction
 - rectangles
 - squares
 - ovals
 - circles
 - filled (solid) and empty polygons with any number of vertices
 - open-ended polygons with any number of vertices
 - freehand
 - text and image stamps/overlays (solid and transparent)
 - rectangle and polygon highlights (semi-transparent rectangles)
 - ruler and angle measurements
 - many of the above also have optional hyperlinks/hotspots and can all be customized for line size, color, and fill color
- Configurable user privileges for annotation viewing, printing and editing
- Comprehensive HTML and JavaScript API with manuals

The Annotations User Interface



Two page and Thumbnails only view modes

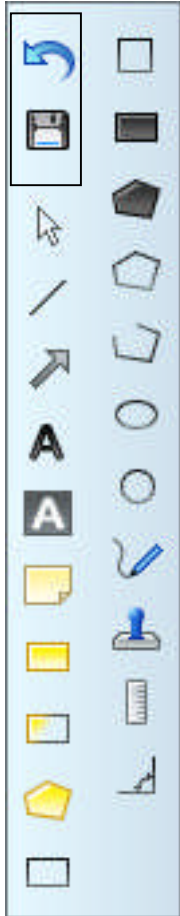
The "Two Page" mode is effectively a "thumbnail" mode so in either of these modes, you are viewing only thumbnail images, not the fully rendered image itself.

Because of this, annotation edit options are not available in these modes. They can only be viewed.

For an explanation of how to change view modes within IBM Daeja ViewONE, refer to the *IBM Daeja ViewONE User Manual*.

Annotations Toolbar

This section details the various annotation toolbar buttons.



The annotation action buttons:



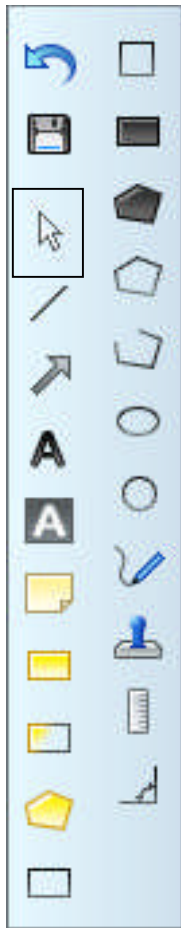
Restore

Returns all annotations in a document to the state they were in when they were last saved.



Save

Saves your annotations. Up until this point the annotations might be lost if you close your browser or turn off your computer.



Select button

The “Select” button:



Select

The “Select” button puts the mouse cursor into “select” mode. This means that while the cursor is over an annotation you can select that annotation by using a single left-click. This highlights the annotation and display its context-sensitive toolbar.

You can also use the “Ctrl” key to put the mouse cursor into “select” mode. Pressing this key is the same as clicking the “Select” button with the mouse.

An annotation can also be selected without going into “select” mode by using a single right-click when over an annotation.



Annotation draw buttons

The annotation draw buttons indicate which type of annotations you can create:

When these buttons are clicked the mouse cursor changes to “annotation draw” mode. The annotation drawn depends on the button clicked. The draw mode terminates after an annotation’s placement is completed.

If the button is right-clicked then draw mode does not terminate after the annotation’s placement has been completed and it is possible to repeatedly draw the same annotation as many times as required. To terminate draw mode in this instance, click the annotation draw button again.

IBM Daeja ViewONE chooses the line width or font size for an annotation to suite the particular zoom factor you are using at the time it is drawn. Those affected are the line, arrow, text, rectangle, polygon, open polygon, text stamp, and freehand annotation types.



Line

The annotation drawn is a straight line. To draw this annotation:

- 1) Select the line button using a single left-click.
- 2) There are two ways of drawing a line:
 - a) Hold down the left mouse button where you want the line to start, and drag the cursor in the direction you want. Release the mouse button where you want the line to end.
 - b) Alternatively, single left-click where you want the start of the line, then release the mouse button. Now move the cursor to where you want the end of the line, and perform another single left-click.



Arrow

The annotation drawn is an arrow. The arrowhead is drawn where the first point of the line is placed. To draw this annotation:

- 1) Select the arrow button using a single left-click.
- 2) There are two ways of drawing an arrow:
 - a) Hold down the left mouse button where you want the arrow to point, and drag the cursor in the direction you want. Release the mouse button where you want the line to end.
 - b) Alternatively, use a single left-click where you want the arrow to point, then release the mouse button. Now move the cursor to where you want the end of the arrow, and perform a single left-click.



Transparent Text

The annotation drawn is text. The text drawn has a transparent background unless it is drawn on to a color image. If it is drawn onto a color image the text has a white background. To draw this annotation:

- 1) Select the transparent text button using a single left-click.
- 2) Single left-click where you want the text to start.
- 3) Enter the text you want by using the keyboard (see page 36 for more details).
- 4) Single left-click outside the annotation to end the edit, or click the “fix” context button.



Solid Text

The annotation drawn is text. The text drawn has a solid (colored) background. To draw this annotation:

- 1) Select the solid text button using a single left-click.
- 2) Single left-click where you want the text to start.
- 3) Enter the text you want using the keyboard (see [The Keyboard](#) for more details).
- 4) Single left-click outside the annotation to end the edit, or click the “fix” context button.



Sticky Note

The annotation drawn is a sticky note. To draw this annotation:

- 1) Select the sticky note button using a single left-click.
- 2) Single left-click where you want the sticky note to go.
- 3) Enter the text you want in the box that pops up (see [The Keyboard](#) for more details), then select “OK”.



Highlight Rectangle

The annotation drawn is a highlight rectangle. To draw this annotation:

- 1) Select the highlight rectangle button using a single left-click.
- 2) There are two ways of drawing a rectangle:
 - a) Hold down the left mouse button where you want the upper left of the rectangle, and drag the cursor in the direction you want. Release the mouse button when the rectangle is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the rectangle and then release the mouse button. Now move the cursor in the direction you want until the rectangle is the required shape and size, then perform another single left-click.



Transparent Highlight

The annotation drawn is a highlight rectangle. The highlight is completely transparent. To draw this annotation:

- 1) Select the transparent highlight button using a single left-click.
- 2) There are two ways of drawing a rectangle:
 - a) Hold down the left mouse button where you want the upper left of the rectangle, and drag the cursor in the direction you want. Release the mouse button when the rectangle is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the rectangle and then release the mouse button. Now move the cursor in the direction you want until the rectangle is the required shape and size, then perform another single left-click.



Highlight Polygon

The annotation drawn is a highlight polygon. To draw this annotation:

- 1) Select the highlight polygon button using a single left-click.
- 2) Single left-click where you want the polygon to start.
- 3) Move the cursor to where you want the next point of the polygon, then perform another single left-click.
- 4) Repeat step 3 until your polygon is formed. To finish the polygon use a double left-click on the last point you place.



Rectangle

The annotation drawn is a rectangle. To draw this annotation:

- 1) Select the rectangle button using a single left-click.
- 2) There are two ways of drawing a rectangle:
 - a) Hold down the left mouse button where you want the upper left of the rectangle, and drag the cursor in the direction you want. Release the mouse button when the rectangle is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the rectangle and then release the mouse button. Now move the cursor in the direction you want until the rectangle is the required shape and size, then perform another single left-click.



Square

The annotation drawn is a square. To draw this annotation:

- 3) Select the square button using a single left-click.
- 4) There are two ways of drawing a square:
 - a) Hold down the left mouse button where you want the upper left of the square, and drag the cursor in the direction you want. Release the mouse button when the square is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the square and then release the mouse button. Now move the cursor in the direction you want until the square is the required shape and size, then perform another single left-click.



Redaction

The annotation drawn is a redaction rectangle. To draw this annotation:

- 1) Select the redaction button using a single left-click.
- 2) There are two ways of drawing a rectangle:
 - a) Hold down the left mouse button where you want the upper left of the rectangle, and drag the cursor in the direction you want. Release the mouse button when the rectangle is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the rectangle and then release the mouse button. Now move the cursor in the direction you want until the rectangle is the required shape and size, then perform another single left-click.



Redaction Polygon

The annotation drawn is a redaction polygon. To draw this annotation:

- 1) Select the redaction polygon button using a single left-click.
- 2) Single left-click where you want the polygon to start.
- 3) Move the cursor to where you want the next point of the polygon, and then perform another single left-click.
- 4) Repeat step 3 until your polygon is formed. To finish the polygon use a double left-click on the last point you place.



Closed Polygon

The annotation drawn is an enclosed polygon. To draw this annotation:

- 1) Select the closed polygon button using a single left-click.
- 2) Single left-click where you want the polygon to start.
- 3) Move the cursor to where you want the next point of the polygon, and then perform another single left-click.
- 4) Repeat step 3 until your polygon is formed. To finish the polygon use a double left-click on the last point you place.



Open Polygon

The annotation drawn is an open-ended polygon. To draw this annotation:

- 1) Select the open polygon button using a single left-click.
- 2) Single left-click where you want the polygon to start.
- 3) Move the cursor to where you want the next point of the polygon, and then perform another single left-click.
- 4) Repeat step 3 until your polygon is formed. To finish the polygon use a double left-click on the last point you place.



Oval

The annotation drawn is an oval. To draw this annotation:

- 1) Select the oval button using a single left-click.
- 2) There are two ways of drawing an oval:
 - a) Hold down the left mouse button where you want the upper left of the oval, and drag the cursor in the direction you want. Release the mouse button when the oval is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the oval and then release the mouse button. Now move the cursor in the direction you want until the oval is the required shape and size, then perform another single left-click.



Circle

The annotation drawn is a circle. To draw this annotation:

- 1) Select the circle button using a single left-click.
- 2) There are two ways of drawing a circle :
 - a) Hold down the left mouse button where you want the upper left of the circle, and drag the cursor in the direction you want. Release the mouse button when the circle is the required shape and size.
 - b) Alternatively, use a single left-click where you want the upper left of the circle and then release the mouse button. Now move the cursor in the direction you want until the circle is the required shape and size, then perform another single left-click.



Freehand

The annotation drawn is a freehand line. To draw this annotation:

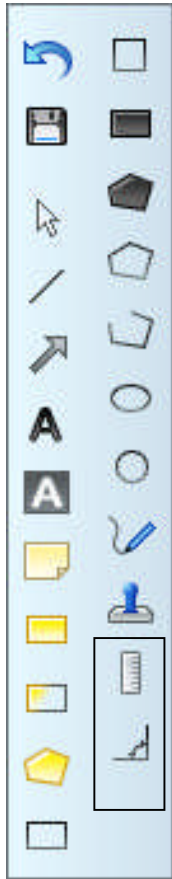
- 1) Select the freehand button using a single left-click.
- 2) Hold down the left mouse button where you want the line to start, and drag the cursor to draw the line.
- 3) Release the mouse button when the line is completed.



Stamp

The annotation drawn is a stamp. To draw this annotation:

- 1) Select the stamp button using a single left-click.
- 2) Use a single left-click to choose the stamp you want to place from the menu that appears.
- 3) Single left-click where you want the upper left of the stamp.



These annotation buttons differ slightly from the others because they are usually used to perform measurements on an image and to mark those measurements.



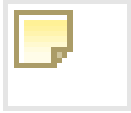
The annotation drawn is a straight ruler line. To draw this annotation:

2) There are two ways of drawing a ruler :

- b) Alternatively, single left-click where you want the start of the ruler, then release the mouse button. Now move the cursor to where you want the end of the ruler, and perform another single left-click.

The annotation drawn is an angle. An angle annotation is similar to a two-line open-polygon annotation except that it displays the angle between the two lines in degrees, radians, or degrees, minutes, and seconds depending on the configuration.

- 1) Select the angle button using a single left-click.
- 2) Single left-click where you want the angle to start.
- 3) Move the cursor to where you want the first point of the angle, and then perform another single left-click.
- 4) Move the cursor to where you want the second point of the angle, and then perform another single left-click.



Show annotations button

The “Show annotations” button is located on IBM Daeja ViewONE status bar (unlike other annotations buttons).



Show annotations

When the “Show annotations” button is selected all annotations in the document are displayed.

When the button is not selected all annotations in the document (for which you have edit privileges) are hidden, revealing the original document underneath.

NOTE: When printing, the viewer works on the WYSIWYG principle so if you hide annotations, they are not printed.

Context-Sensitive Toolbar

An annotation's context-sensitive toolbar becomes available when the annotation is selected. This can be achieved either through putting the cursor into "select" mode then performing a single left-click on an annotation, or by using a single right-click on an annotation.



Fix Annotation

Moves the annotation out of "edit" mode.



Increase Line Width/Text Size

Increases the annotation's line width or text size (depending on what kind of annotation it is) by one unit.



Decrease Line Width/Text Size

Decreases the annotation's line width or text size (depending on what kind of annotation it is) by one unit.



Increase Arrowhead Size

Increases an arrow annotation's head size by one unit.



Decrease Arrowhead Size

Decreases an arrow annotation's head size by one unit.



Edit Annotation Security

Brings up the security edit dialog box.



Edit Annotation Text

Brings up the sticky note dialog box (see [Sticky Note Dialog Box](#)).



Change Line Color

Brings up the line color chooser dialog box (see [Line Color Chooser](#)).



Change Fill Color

Brings up the fill color chooser dialog box (see [Fill Color Chooser](#)).

Transparent



Makes the annotation semi-transparent by merging the annotation text with the image underneath.

Help Text and Hyperlink



Brings up the help text and hyperlink dialog box (see [Help Text and Hyperlink Dialog Box](#)).

Rotate Clockwise



Rotates a text annotation 45 degrees clockwise.

Rotate Anticlockwise



Rotates a text annotation 45 degrees anticlockwise.

Flip Angle



Flips the angle of an angle annotation between acute and obtuse.

Move Behind



Moves the annotation behind any other annotations that it might be covering.

Delete

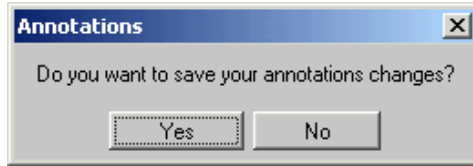


Deletes the annotation.

Dialog Boxes

There are a number of dialog boxes for various features in the IBM Daeja ViewONE Annotations module. They are described over the next few pages.

Annotations Save Dialog Box

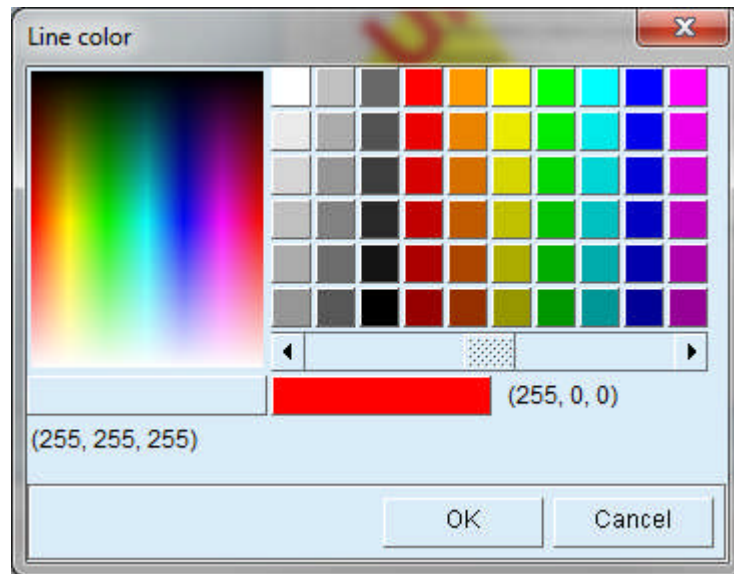


This dialog box is displayed when you try to close a document or move to a new document without first saving your annotation changes. You can respond by clicking on "OK" to save the annotation changes, or by clicking on "Cancel" to discard them.

If you have not made changes to any annotations or if you have already saved your changes, then the dialog box does not appear.

Note: You are not prompted if you close down the browser or change web pages.

Line Color Chooser



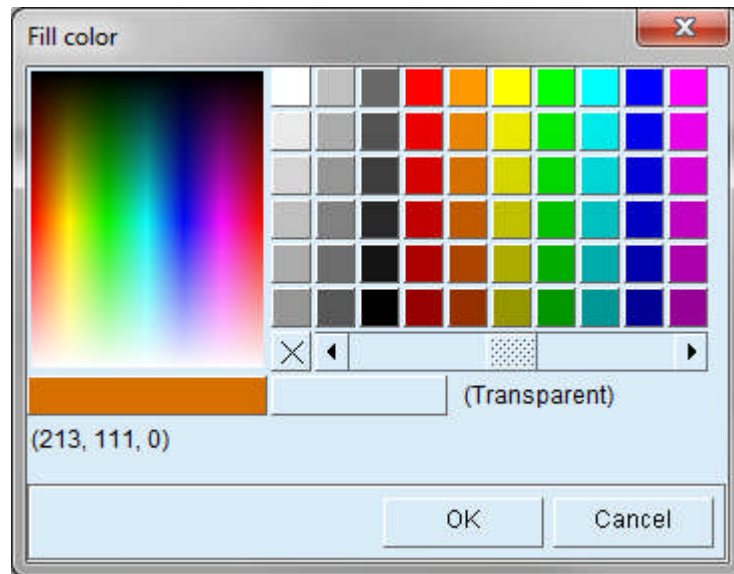
This dialog box is displayed when you click the Change Line Color toolbar button (available on some annotation's context-sensitive toolbar).

This dialog box offers a number of predefined colors or you can choose from the color spectrum on the left. The slide bar at the bottom of the dialog box can be moved to the left to make a selected color darker, and to the right to make it lighter.

The box on the lower right of the dialog box shows which color you have selected. The box on the lower left shows which color is currently under the mouse cursor.

Use the mouse to hover over the color you want, and then select it with a single left-click. After you select the color that you need, click "OK" to finish with the dialog box. You can cancel the dialog box at any point by clicking on "Cancel". Alternatively, you can use a double left-click on a color selection.

Fill Color Chooser



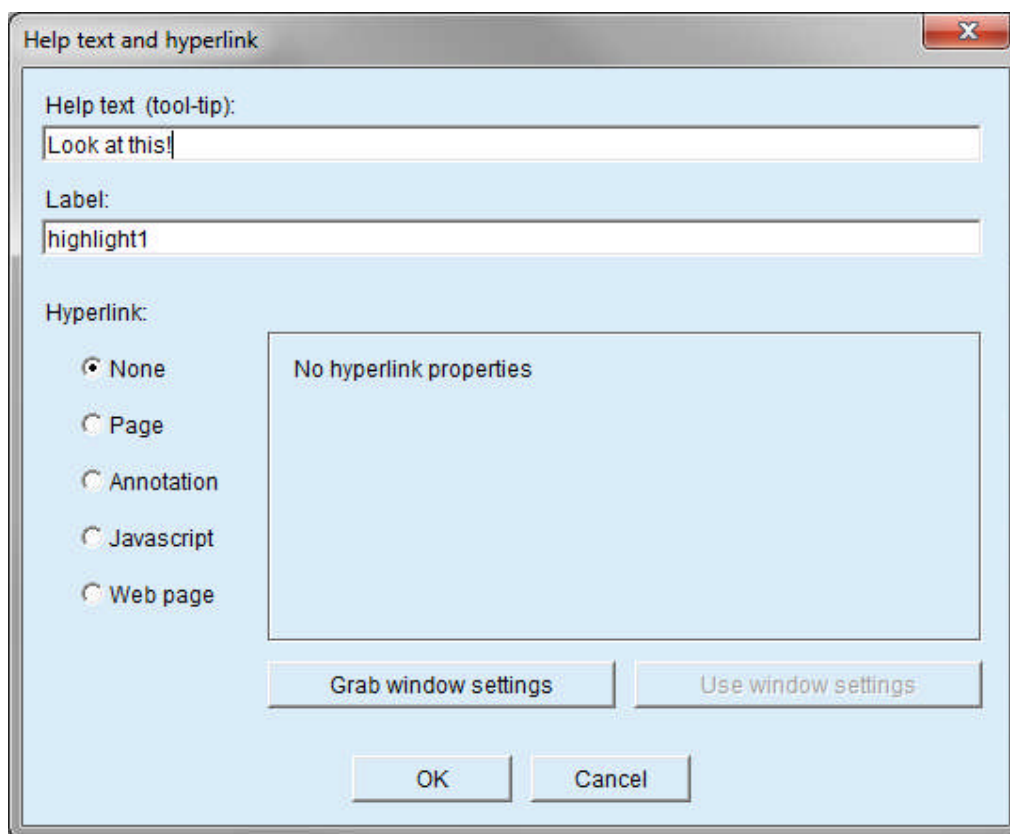
This dialog box is displayed when you click the Change Fill Color toolbar button (available on some annotation's context-sensitive toolbar).

This dialog box offers a number of predefined colors or you can choose from the color spectrum on the left. The slide bar at the bottom of the dialog box can be moved to the left to make a selected color darker, and to the right to make it lighter.

The box on the lower right of the dialog box shows which color you have selected. The box on the lower left shows which color is currently under the mouse cursor.

Use the mouse to hover over the color you want, and then select it with a single left-click. To select transparent as a fill color you need to click the box near the center of the dialog box that has an "X". After you are happy with the color selected you need to click "OK" to finish with the dialog box. You can cancel the dialog box at any point by clicking on "Cancel". Alternatively, you can use a double-left click a color selection.

Help Text and Hyperlink Dialog Box



This dialog box is displayed when you click the Help Text and Hyperlink toolbar button (available on some annotation's context-sensitive toolbar).

The Help text field is for the annotation's tooltip text (the text that is displayed by the mouse cursor when the cursor is hovering over an annotation). The Label field is used to give an annotation an identifier within IBM Daeja ViewONE.

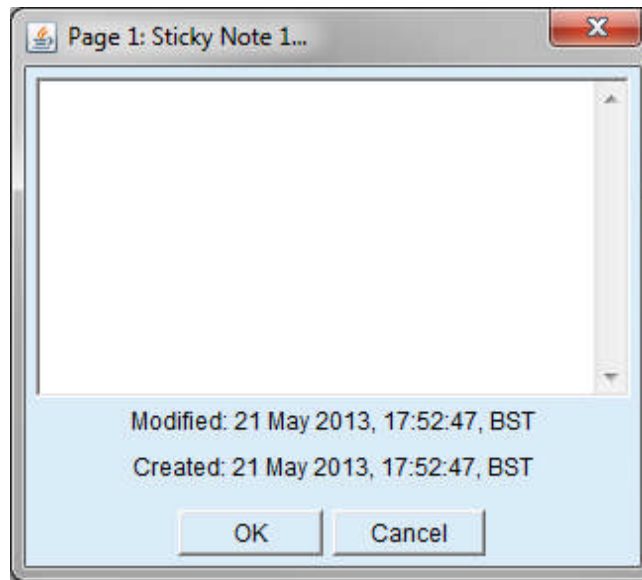
The next part of the dialog box deals with an annotation's hyperlink. The radio buttons down the left side allow you to choose which type of hyperlink you want an annotation to have. The fields in the middle of the dialog box change depending on which annotation style you select.

The two buttons towards the bottom of the dialog box, labeled "Grab Window Settings" and "Use Window Settings" are used when the annotation is being "linked" to by another. See [Annotations Hyperlinks](#) for more information.

When you are happy with your settings you finish with the dialog box by clicking on "OK". You can cancel the dialog box by clicking on "Cancel".

Note: Hyperlinks are not available for sticky note annotations, though you can still set the help text and label properties.

Sticky Note Dialog Box



This dialog box is displayed after you have placed or clicked a sticky note annotation (or double-clicked if IBM Daeja ViewONE has the annotations toolbar displayed). The area in the center of the dialog box allows you to enter or edit the note's text.

When you are happy with the text you finish with the dialog box by clicking on "OK". You can cancel the dialog box by clicking "Cancel".

Annotation Hyperlinks

When an annotation containing a hyperlink is clicked by the user (or double-clicked if IBM Daeja ViewONE has the annotations toolbar displayed) then one of four actions is taken by IBM Daeja ViewONE.

The action taken depends on the type of hyperlink that is associated with an annotation. The different hyperlink types are as follows:

<i>Selection</i>	<i>Description</i>
None	No hyperlink.
Page	A page-based hyperlink. Activation of this type of hyperlink forces IBM Daeja ViewONE to jump from the current page to the page specified in the Help Text and Hyperlink dialog box.
Annotation	<p>An annotation-based hyperlink. Activation of this type of hyperlink forces IBM Daeja ViewONE to jump to the page where the “target” annotation is located.</p> <p>To specify an annotation hyperlink you need to:</p> <ol style="list-style-type: none">1) Select the annotation you want to provide with a hyperlink and click the Help Text and Hyperlink button in the context-sensitive toolbar.2) In the Help Text and Hyperlink dialog box that is displayed you need to select the “annotation” type of hyperlink.3) Now use the drop-down box in the center of the dialog box to select the annotation you want to link to – your target annotation.4) Click the “OK” button.5) If you want, you can now test your annotation hyperlink by performing a double left-click on your annotation. <p>Upon activation, if no “Window Settings” have been specified in the target annotation, IBM Daeja ViewONE uses the current zoom and attempts to scroll the window so that the annotation is in the upper left of the screen.</p> <p>If Window Settings have been specified in the target</p>

	<p>annotation, IBM Daeja ViewONE uses them when the hyperlink annotation is activated.</p> <p>Window Settings can be specified through the Help Text and Hyperlink dialog box of the target annotation. To specify the settings follow these instructions:</p> <ol style="list-style-type: none"> 1) Go to the page of the document where your target annotation is located and set the page's zoom, scroll, rotate, etc. 2) Select the target annotation, and click the Help Text and Hyperlink button in the context-sensitive toolbar. 3) Click the "Grab Window Settings" button to capture the current window settings (these are used when the annotation is jumped to). 4) Click the "OK" button. 5) If you want, you can now use the "Use Window Settings" button from the Help Text and Hyperlink dialog box to test your window settings.
JavaScript	<p>Activation of this type of hyperlink passes the specified text to the applet's nominated event handler (see the <i>IBM Daeja ViewONE JavaScript Reference Manual</i> for more information). The text is passed as the "text parameter" and the "id" passed is 23.</p>
Web Page	<p>A web page-based hyperlink. Activation of this type of hyperlink forces the browser to display a window containing the specified web page.</p> <p>To specify this web page follow these instructions:</p> <ol style="list-style-type: none"> 1) Select the annotation you want to provide with a hyperlink and click the Help Text and Hyperlink button in the context-sensitive toolbar. 2) In the Help Text and Hyperlink dialog box that is displayed you need to select the "web page" type of hyperlink. 3) Now use the text field in the center of the dialog box to enter the address of the web page you want to link to (also known as a Universal Resource Locator – URL – for example,

	<p>http://www.mysite.com/page1.htm).</p> <ol style="list-style-type: none">4) You can also set the hyperlink's window "target" from the drop-down box on the right of the dialog box. (This works in the same way as HTML targets.)5) Click the "OK" button.6) If you want, you can now test your annotation hyperlink by performing a double left-click on your annotation.
--	--



The Keyboard

IBM Daeja ViewONE provides keyboard access only to some of the functions offered by the context-sensitive toolbar. The majority of annotation features are controlled through the mouse.

“Select” mode

Put mouse cursor into “select” mode	Ctrl
--	------

Non-text annotations

Delete annotation	DEL
Increase annotation size	+
Decrease annotation size	-

Text-based annotations

There are two ways to enter extended characters. They are:

- Start the text annotation then press the INSERT key (the same can be achieved by holding down Ctrl and pressing “i”). This displays a text window. Enter the character (or text) you want and press the “OK” button. The character is inserted.
- Start the text annotation then hold down Alt and press 0. This displays a special text window to interpret your key presses. Now, still holding down Alt, type the shortcut code of the character you want and release the Alt key. The character is inserted.

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