

Using Graphical Annotations

You can add and edit graphical annotations to a resource you own. You also can add [textual \(metadata\)](#) annotations.


Graphical annotations are graphical objects, such as circles, points, or other shapes, that are added to the image in order to highlight areas of interest for future analysis or other purposes. Adding a graphical annotation to an image in Bisque does not alter the original image.

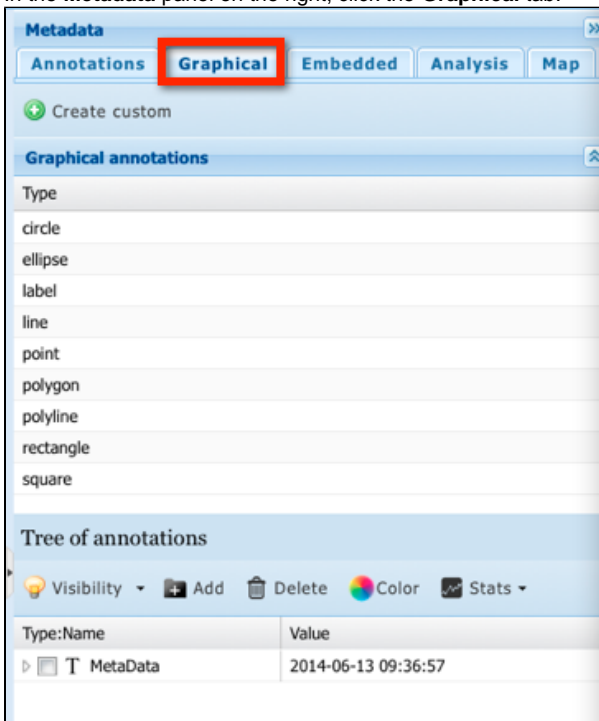
Once you have added a graphical annotation to an image, you can move, resize, delete, and show or hide the object on the image.

The graphical annotation types are:

- Circles
- Ellipses
- Labels
- Lines
- Points
- Polygons
- Polylines
- Rectangles
- Squares

Opening the Graphical Metadata window

1. If necessary, [log in to Bisque](#).
2. Click **Browse** at the top of the screen and then click **image**.
3. Click the image to annotate (the mode button will be ).
4. In the **Metadata** panel on the right, click the **Graphical** tab:



If prompted that you are not the owner of the image, click **Cancel**, then [download](#) the image, rename it, and [upload](#) it as a new file to your Bisque repository.

Adding and editing graphical annotations

Circles

1. In the **Graphical** tab, click **circle** in the **Graphical annotations** list on the right.
2. Click the center point on the image where you want to add the circle.
3. To edit the circle, select it in the **Tree of annotations** list:
 - To resize or move the circle, click one of the squares and drag to the desired diameter or location.
 - To change the color of the circle, click **Color** and then click the new color.
 - To delete a circle, click **Delete** in the **Tree of annotations** list.

Ellipses

1. In the **Graphical** tab, click **ellipse** in the **Graphical annotations**.
2. Click the location on the image where you want to add the ellipse.
3. To edit the ellipse, select it in the **Tree of annotations** list:
 - To resize or move the ellipse, click one of the squares and drag to the desired size or location.
 - To change the color of the ellipse, click **Color** and then click the new color.
 - To delete an ellipse, click **Delete** in the **Tree of annotations** list.

Labels

1. In the **Graphical** tab, click **label** in the **Graphical annotations** list on the right.
2. Click the location on the image where you want to add the label.
 - To edit the label, select it in the **Tree of annotations** list:



If the label doesn't show on the image, select **label** in the **Tree of annotations** list, click the **Color** icon, and click the new color.

- To edit or move the label, click the label and either edit or move it to the new location.
- To delete a label, click **Delete** in the **Tree of annotations** list.

Lines

1. In the **Graphical** tab, click **line** in the **Graphical annotations** list on the right.
2. Click the location on the image where you want to start the line, then click where you want to end the line.
3. To edit the line, select it in the **Tree of annotations** list:
 - To move or resize the line, click a circle at the end of one of the lines and drag the line to the desired length.
 - To change the line color, click the **Color** icon and click the new color.
 - To delete a line, click **Delete** in the **Tree of annotations** list.

Points

Points are useful for marking a specific location on an image, such as the point where structures intersect.

1. In the **Graphical** tab, click **point** in the **Graphical annotations** list on the right.
2. Click the location on the image where you want to add the point.
 - To edit the point, select it in the **Tree of annotations** list:
 - a. To move the point, click a square and move it to the new location.
 - To change the color, click the **Color** icon and click the new color.
 - To delete a point, click **Delete** in the **Tree of annotations** section.

Polygons

1. In the **Graphical** tab, click **polygon** in the **Graphical annotations** list on the right.
2. Click the location on the image where you want to add the first point of the polygon.
3. Repeat for each point of the polygon to add until the polygon is formed.
4. To edit the polygon, select it in the **Tree of annotations** list:
 - To resize or move the polygon, click one of the squares and drag to the desired size, shape, or location.
 - To change the color, click **Color** and then click the new color.
 - To delete a polygon, click **Delete** in the **Tree of annotations** list.

Polylines

1. In the **Graphical** tab, click **point** in the **Graphical annotations** list on the right.
2. For the first polyline:
 - a. Click the location on the image where you want to add the first point of the polygon.
 - b. Repeat for each point of the polygon to add.
3. To edit the polyline, select it in the **Tree of annotations** list:
 - To resize or move the polyline, click one of the squares and drag to the desired size or location.
 - To change the color, click **Color** and then click the new color.
 - To delete a polyline, click **Delete** in the **Tree of annotations** list.

Rectangles

1. In the **Graphical** tab, click **rectangle** in the **Graphical annotations** list on the right.
2. Click the location on the image where you want to add the rectangle.
3. To edit the rectangle, select it in the **Tree of annotations** list:
 - To resize or move the rectangle, click one of the squares and drag to the desired size or location.
 - To change the color, click **Color** and then click the new color.
 - To delete the rectangle, click **Delete** in the **Tree of annotations** list.

Squares

1. Click **square** in the Add annotations list on the right.
2. Click the location on the image where you want to add the square.
3. To edit the square, select it in the **Tree of annotations** list:
 - To resize or move the square, click one of the small squares and drag to the desired size or location.
 - To change the color, click **Color** and then click the new color.
 - To delete a square, click **Delete** in the **Tree of annotations** list.

Hiding or showing graphical annotations

You can change the visibility setting of a graphical annotation on a per-item basis or for all graphical annotations on the image.

- To hide or display selected annotations, click **Visibility** and then click either **Toggle each**, **Check all**, or **Uncheck all**.

Helpful Links
This Page Contains: <ul style="list-style-type: none">• Opening the Graphical Metadata window• Adding and editing graphical annotations<ul style="list-style-type: none">• Circles• Ellipses• Labels• Lines• Points• Polygons• Polylines• Rectangles• Squares• Hiding or showing graphical annotations