

WIB External API

/*

Jump to a particular slice

*/

public void setZPostion(int z) ;

/*

Zoom into a particular region

*/

public void zoomInto(int x, int y);

/*

Get the x, y, z dimension of the image

*/

public int[] getImageDimensions

/*

Load an image by providing the dataset ID

*/

public void loadImageByDataset(long datasetID)

/*

Load an image by providing the local file path

*/

public void loadImageByLocalPath(String localPath)

/*

Load an image by providing the IRODS file path

*/

public void loadImageByIrodsPath(String irodsPath)

/*

Draw a polygon on the canvas without any database interaction.

*/

```
public void drawPolygon(double[][] polygon, int width, int color);
```

/*

Draw a single point on the canvas without any database interaction.

*/

```
public void drawPoint(double[] point,int radius, int color);
```

/*

Draw a line on the canvas without any database interaction

*/

```
public void drawLine(double x1, double y1, double x2, double y2, int width, int color);
```

/*

Get all annotations at a particular slice

*/

```
public Annotation[] getAnnotationBySlice(int z);
```

/*

Submit a new annotation

*/

```
public Annotation submitAnnotation(double[][] trace, int width, int color, String userName, String objectName, String  
ontoURI, String description)
```

/*

Get the **MenuBar** object

*/

```
public MenuBar getMenuBar();
```

/*

Popup a customized panel on the canvas

*/

```
public void popupPanel(com.google.gwt.user.client.ui.Panel panel);
```

