

# BIRT API Change Control Document

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## 1. Introduction

Add and remove APIs in `Image` and `ImageInstance` to replace the image URI by using URL and file, which will separate the image is remote resource or local resource.

## 2. Changed APIs:

None.

## 3. Added APIs:

### 3.1 Name : `Image`

Component name : `org.eclipse.birt.report.engine`

Package name : `org.eclipse.birt.report.engine.script.internal.element`

Change Request:

#### 1. Add method:

```
public void setURL ( String url );
```

Sets the image url, also changes the image source type to URL.

#### 2. Add method:

```
public String getURL( );
```

Gets the image url. Return null if the image source type is not URL.

#### 3. Add method:

```
public void setFile ( String file );
```

Sets the image file, also changes the image source type to FILE.

#### 4. Add method:

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```
public String getFile( );
```

Gets the image file. Return null if the image source type is not FILE.

### 3.2 Name : ImageInstance

Component name : org.eclipse.birt.report.engine

Package name : org.eclipse.birt.report.engine.api.script.instance

Change Request:

1. Add method:

```
public void setURL ( String url );
```

Sets the image url, also changes the image source type to URL.

2. Add method:

```
public String getURL( );
```

Gets the image url. Return null if the image source type is not URL.

3. Add method:

```
public void setFile ( String file );
```

Sets the image file, also changes the image source type to FILE.

4. Add method:

```
public String getFile( );
```

Gets the image file. Return null if the image source type is not FILE.

**Proposed Solution:**

According resolving **bug149922**.

Viewer has changed some APIs in ImageHandle, added setURL, getURL, getFile on ImageHandle, and deprecated setURI method.

## 4. Removed APIs:

### 4.1 Name : Image

Component name : org.eclipse.birt.report.engine

Package name : org.eclipse.birt.report.engine.script.internal.element

Change Request:

1. deprecated method:

```
public void setURI ( String uri );
```

Sets the image uri, including url and file.

We need also have getURL, getFile, setURL, setFile APIs to control the image script.

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#### 4.2 Name : IImageInstance

Component name : org.eclipse.birt.report.engine

Package name : org.eclipse.birt.report.engine.api.script.instance

Change Request:

1. deprecated method:

`public void setURI ( String uri);`

Sets the image uri, including url and file.

We need also have getURL, getFile, setURL, setFile APIs to control the image instance.

### 5. Miscellaneous Change Requests

None.