

Getting the Icon in the System Tray to have the right image is a three step process.

Step 1: Find the URL for the image. If you look at the xml you download, you should see a number between the <icon> tags - this represent the image that should be displayed with the current weather conditions. Your task will be to parse out that number and store it in a String. Then, place that number within the following URL:

<http://s.imwx.com/v.20100719.135915/img/wxicon/72/XX.png>

Where the XX should be replaced by the number between the icon tags. If you accomplish this task then printing out the URL and copying and pasting the URL into your favorite web browser should show the desired image.

Step 2: Have Java download the image data. The code is a little funky...

```
String imgURL = ...;
try
{
    Image img = ImageIO.read(new URL(imgURL));
}
catch(Exception e)
{
    e.printStackTrace();
}
```

The try-catch blocks are for dealing with an image not loading correctly (corrupted data, lost network connection, etc). Essentially it says try to load the image, but if we fail print an error message. ImageIO is the name of a class, so the read () method must be **STATIC** (remember that ClassName.method means static). The read method takes a URL, which is constructed with the String data that represents the url. The Image data is stored in a variable of type Image. When you put this code into Eclipse, you will need to add a couple of import statements (which Eclipse will help you with).

Step 3: Changing the image in the Status Bar. The code is pretty straight forward. After you load in the image data, you execute the following command:

```
trayIcon.setImage(img);
```

Where img is the name of the variable we just stored the Image data into.