

# What does the error "NO X11 DISPLAY" mean?

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When you get this error:

**"No X11 DISPLAY variable was set, but this program performed an operation which requires it."**

It means that isCOBOL is trying to access the AWT/SWING GUI Interface and your system doesn't have that.

If your program doesn't have a GUI interface, you can try to set this property in your run command line:

```
iscrun -J-Djava.awt.headless=true ...
```

or

```
java -Djava.awt.headless=true ...
```

If your cobol program includes some textual ACCEPT/DISPLAY statements, you'll need to use isCOBOL's CHARVA toolkit by adding a '-t' switch to your command line:

```
iscrun -t ...
```

This automatically sets this configuration variable needed to activate CHARVA:

```
iscobol.guifactory.class=com.iscobol.gui.client.charva.GuiFactoryImpl
```