

What are the options for using ActiveX controls?

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Question:

What are my options if my application depends on ActiveX controls and I want to continue to use those controls when running on Windows?

Answer:

isCOBOL supports Javabean controls in the GUI, and there are a number of solutions for accessing COM/OLE/ActiveX from within a Java-based application.

We have tested and verified the functionality of [comfyj](#) which generates java classes to wrap ActiveX objects. We recommend the Comfyj product because it is more complete and better supported from a technical point of view.

In addition, they charge just for development and not for runtime.

Veryant can provide a side-by-side example of a program that uses a Microsoft COM object with ACUCOBOL syntax and the same program written with isCOBOL and Comfyj.

An ActiveX control in the screen section, when converted to a Javabean, looks similar to the following:

```
screen section.
01 mask .
03 GR-TEST JAVA-BEAN
    LINE 2
    COL 2
    LINES 28
    SIZE 90
    ID GR-ID-TEST
    VISIBLE 1
    ENABLED 1
    CLSID "VSFlexGridContainer"
    EVENT-LIST ("vsflexgrid")
    OBJECT IN FLEXGRID-TEST
    EVENT JAVA-BEAN-EVENT
java-bean-event.
if event-type = msg-jb-event
    set flex-event-obj to event-obj as activex-event
    evaluate event-data-2
    when 100
        display "FSCommand event: command = "
    end-evaluate
else
    set flex-event-obj to event-obj as activex-event
end-if.
```