

FLEX - PRINTING SUPPORT

http://www.tutorialspoint.com/flex/flex_printing_support.htm

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Flex provides a special class **FlexPrintJob** to print flex objects.

- FlexPrintJob can be used to print one or more Flex objects, such as a Form or VBox container.
- FlexPrintJob prints the object and all objects that it contains.
- The objects can be all or part of the displayed interface.
- The objects can be components that format data specifically for printing.
- The FlexPrintJob class lets you scale the output to fit the page.
- The FlexPrintJob class automatically uses multiple pages to print an object that does not fit on a single page.
- The FlexPrintJob class causes the operating system to display a Print dialog box. You cannot print without some user action.

Prepare and send a print job

You print output by preparing and sending a print job. Let's create an instance of the FlexPrintJob class

```
var printJob:FlexPrintJob = new FlexPrintJob();
```

Start the print job

```
printJob.start();
```

Flex will cause the operating system to display a Print dialog box. Add one or more objects to the print job and specify how to scale them

```
printJob.addObject(myObject, FlexPrintJobScaleType.MATCH_WIDTH);
```

Each object starts on a new page. Send the print job to the printer

```
printJob.send();
```

Printing Example

Step	Description
1	Create a project with a name <i>HelloWorld</i> under a package <i>com.tutorialspoint.client</i> as explained in the <i>Flex - Create Application</i> chapter.
2	Modify <i>HelloWorld.mxml</i> as explained below. Keep rest of the files unchanged.
3	Compile and run the application to make sure business logic is working as per the requirements.

Following is the content of the modified mxml file **src/com.tutorialspoint/HelloWorld.mxml**.

```
<?xml version="1.0" encoding="utf-8"?>
<s:Application xmlns:fx="http://ns.adobe.com/mxml/2009"
    xmlns:s="library://ns.adobe.com/flex/spark"
    xmlns:mx="library://ns.adobe.com/flex/mx"
    width="100%" height="100%"
```

```

minWidth="500" minHeight="500"
initialize="application_initializeHandler(event)">
<fx:Style source="/com/tutorialspoint/client/Style.css"/>
<fx:Script>
    <![CDATA[
        import mx.controls.Alert;
        import mx.events.FlexEvent;
        import mx.printing.FlexPrintJob;
        import mx.printing.FlexPrintJobScaleType;
        protected function btnClickMe_clickHandler(event:MouseEvent):void
        {
            // Create an instance of the FlexPrintJob class.
            var printJob:FlexPrintJob = new FlexPrintJob();

            // Start the print job.
            if (printJob.start() != true) return;

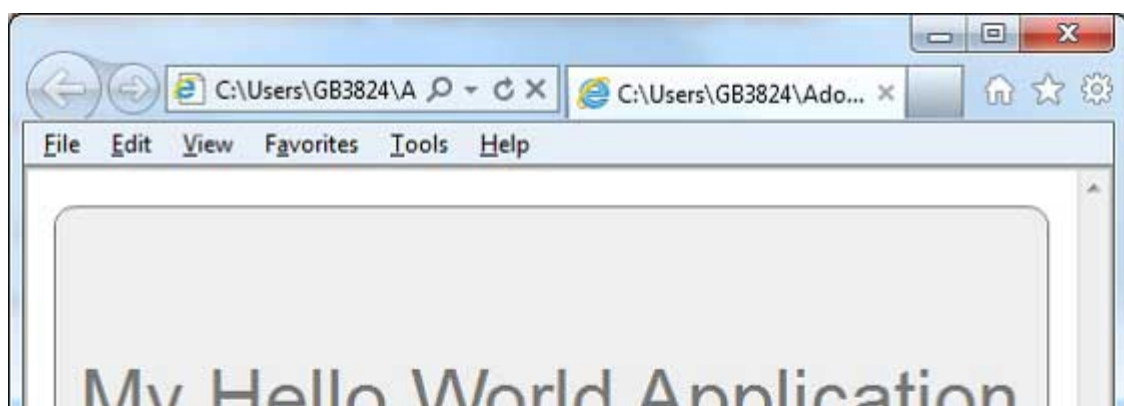
            // Add the object to print. Do not scale it.
            printJob.addObject(myDataGrid, FlexPrintJobScaleType.NONE);

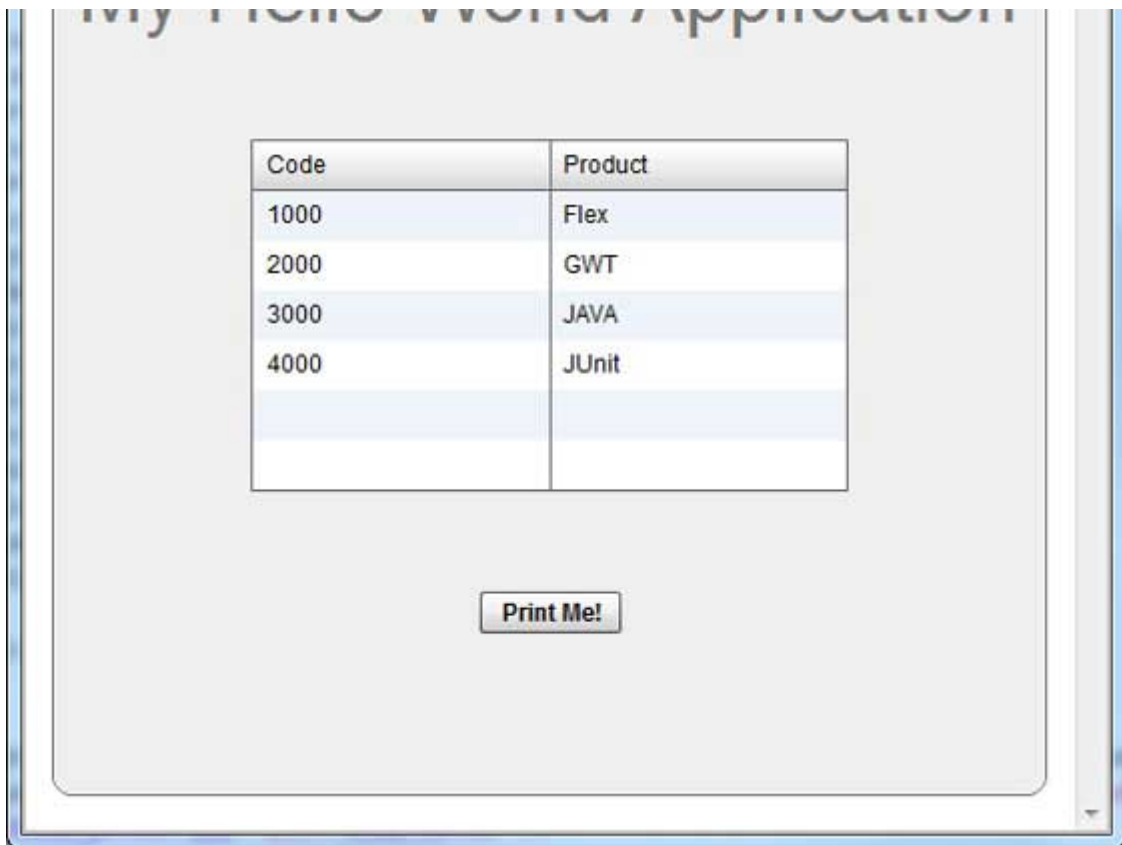
            // Send the job to the printer.
            printJob.send();
        }

        protected function application_initializeHandler(event:FlexEvent):void
        {
            lblHeader.text = "My Hello World Application";
        }
    ]]>
</fx:Script>
<s:BorderContainer width="500" height="500"
    styleName="container">
    <s:VGroup width="100%" height="100%" gap="50"
        horizontalAlign="center"
        verticalAlign="middle">
        <s:Label
            styleName="heading"/>
        <mx:DataGrid >
            <mx:dataProvider>
                <fx:Object Product="Flex" Code="1000"/>
                <fx:Object Product="GWT" Code="2000"/>
                <fx:Object Product="JAVA" Code="3000"/>
                <fx:Object Product="JUnit" Code="4000"/>
            </mx:dataProvider>
        </mx:DataGrid>
        <s:Button label="Print Me!"
            click="btnClickMe_clickHandler(event)"
            styleName="button" />
    </s:VGroup>
</s:BorderContainer>
</s:Application>

```

Once you are ready with all the changes done, let us compile and run the application in normal mode as we did in [Flex - Create Application](#) chapter. If everything is fine with your application, this will produce following result: [[Try it online](#)]





Click on print me button and you can see the printout of the data grid shown below.

