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# Composer Help

Accessing the Editors and Templates

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Composer editors are embedded/integrated within the user interface and are made available to you whenever a .scxml, .vxml, .ccxml, .grxml, or .jsp file is created or accessed within Composer.

## Creating a New File

In **Composer** or **Composer Design** perspective, create a new VoiceXML, SCXML, or CallControlXML file as follows:

- Select **File > New > Other > Composer > Others > Others> Others**.
- Select the file type, such as SCXML.
- Select the parent folder; usually an existing Project.
- Enter a name for the file.
- If applicable, click **Advanced** to link to the file system and use an existing file.
- Click **Finish**.

## Using an Existing Template

- Select **File > New > Other > Composer > Others**.
- Select the file type.
- Select the parent folder; usually an existing Project.
- Enter a name for the file.
- If applicable, click **Advanced** to link to the file system and use an existing file.
- Click **Next**.
- Select the template.
- Click the **Use SCXML Template** checkbox.
  - Click **Finish**.

The editor opens with your new file. When working with XML files, the view contains **Source** and **Design** tabs. All editor functions described at the top of this topic are available to you. The appropriate Composer editor also opens whenever you open an existing .vxml, .ccxml, .grxml, .aspx, or .jsp file, whether previously created as described above, or previously imported into Composer.

## Open an Existing File

Open an existing file as follows:

- Select **File > Open File**.
  - Navigate to the file to open, OR

Open a Composer Project's src or src-gen folder in the Project Explorer, then double-click the file to open it in the editor.

## Creating a Custom Code Template

When writing manual SCXML/VXML/CCXML/GRXML code in the file editors, you may run into code that becomes repetitive. You may consider creating a code template to avoid retyping this block of code. Creating templates will improve the speed and consistency for writing code. The following steps show how to create a code template.

- Select **Window > Preferences**.
- In the Preferences dialog box, navigate through the Composer category, and expand the file type (VXML Files / CCXML Files / GRXML / SXCML Files) in which you want to add your template. Then select the **Templates** section. For example, select VXML Templates.
- Click the **New** button to add a new code template.
- Fill in the fields for the new template. The Context drop down box specifies at what context level you want the code template to appear as a context sensitive help.
- Click the **OK** button when finished.

## XML File Preferences

You can also set XML File Preferences: **Window > Preferences > XML > XML Files**. When specifying Encoding formats in the XML Preference page: encoding formats are applicable only for new File creation using the Template option: (**File > New > XML > XML File > Create XML File from an XML Template > Select XML Template**). This applies only to new XML, VXML, CCXML and SCXML files. Existing files within the Project will not get impacted.

## Creating a Backend JSP File

- Create a new JSP file by selecting **File > New > Backend JSP file**.
- In the **Create Backend JSP File** folder, navigate to the src folder within the Java Composer Project in which the Backend JSP file belongs.
- Type a name In the **File Name** field.
- Click **Finish**.

The Editor opens with a JSP file template. You can see your new file in the src folder of your Java Composer Project in the Project Explorer. A template is provided when you create a new Backend JSP file in Composer. You implement a performLogic method as a JSON object, store a result and return it

to the voice application if desired. You have the flexibility to enter any valid JSP code that you wish.

## Creating a Backend ASP .NET File

- Create a new ASP.NET file by selecting **File > New > Backend ASPX file**.
- In the ASPX File folder, navigate to the include folder within the .NET Composer Project in which the Backend ASPX file belongs.
- Type a name In the **File Name** field.
- Click **Finish**.

The Editor opens with an ASPX file template. You can see your new file in the include folder of your .NET Composer Project in the Project Explorer. A template is provided when you create a new Backend ASPX file in Composer. You implement a performLogic method as a JSON object, store a result and return it to the voice application if desired. You have the flexibility to enter any valid ASP.NET/C# code that you wish.