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# Composer Help

[Interface Overview](#)

# Interface Overview

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**Note:** The minimum screen resolution for Composer is 1024x768 on a standard 4:3 aspect ratio monitor. The recommended resolution is 1280x1024. Lesser resolutions, such as 800x600, are not supported.

## Introduction to the Interface

Below is a short video introducing the Composer interface.

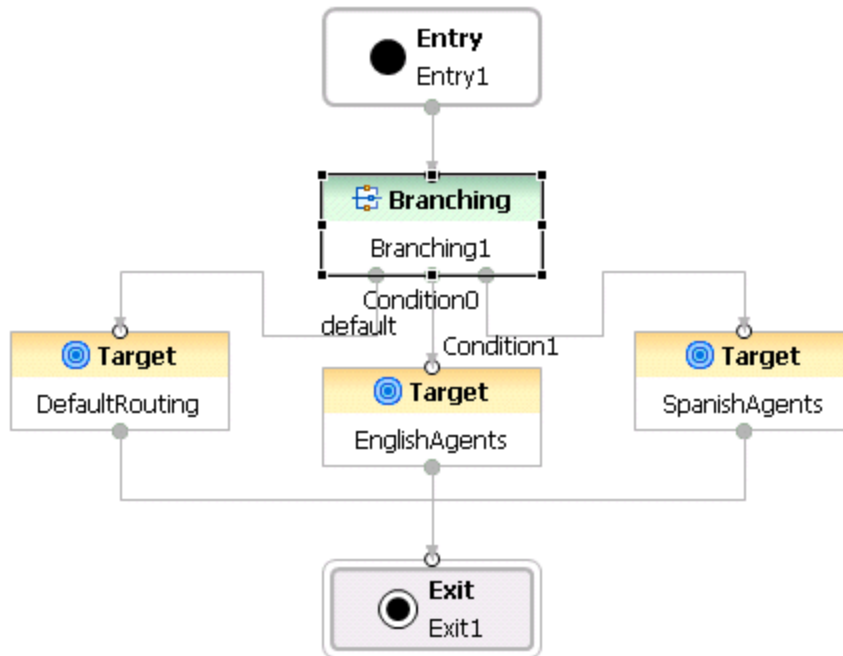
[Link to video](#)

## Sample Applications

For a sample voice applications, see [Hello World Sample](#), which describes a text-to-speech application. For a sample routing applications, see [Your First Application](#), which describes a DNIS routing application.

## Blocks, Connectors, and Properties

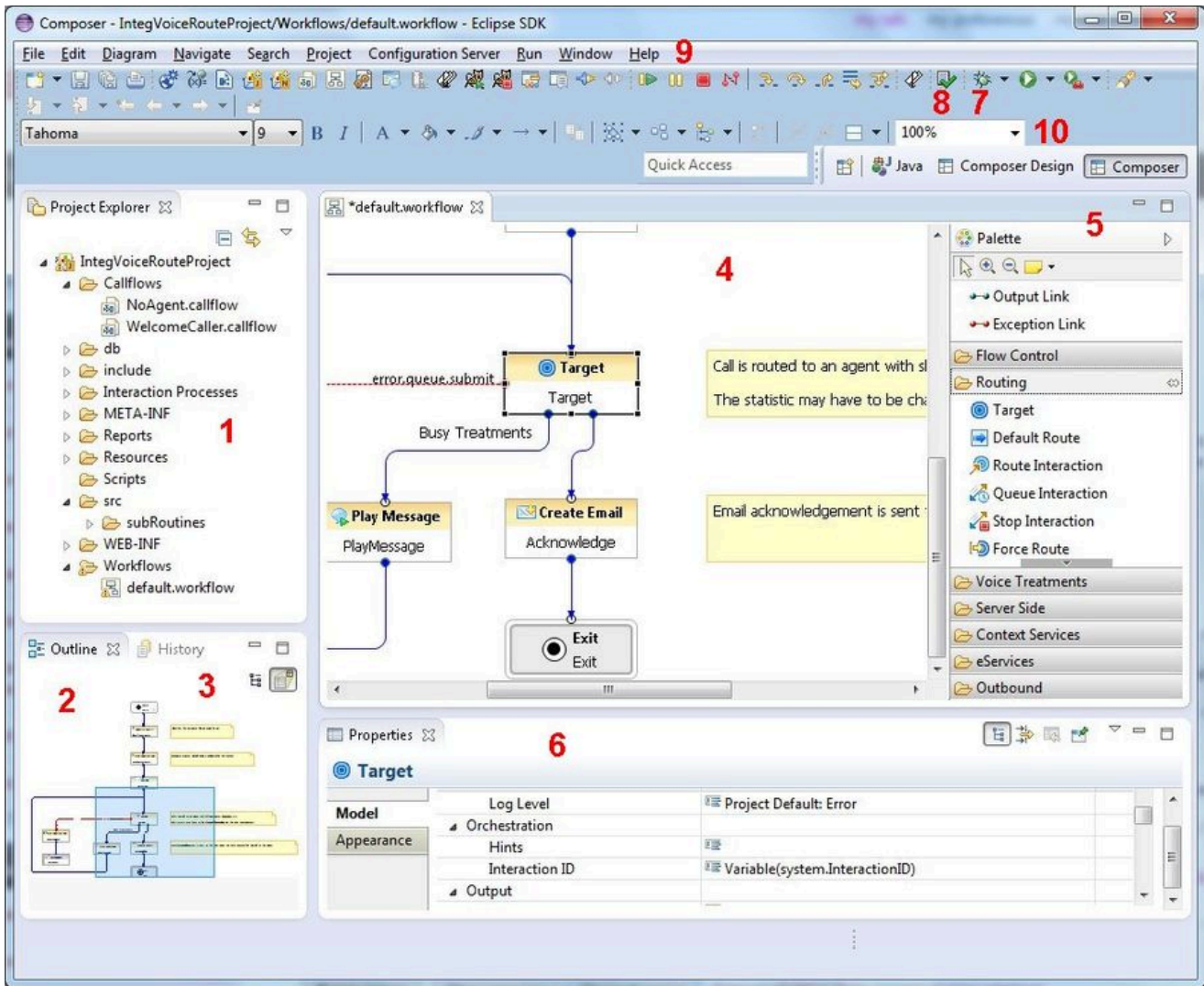
The Composer interface uses workflow and callflow design components (*blocks* and *connectors*) to create voice and routing applications



It uses drag-and-drop to arrange, add, and delete blocks on a design area. The blocks are connected within the design area to build the flow for the application. You define the properties for a selected block in Composer's *Properties* view. Also see: [Working With Diagram Layouts](#)

## Interface Elements

The first time you enter the Composer perspective, since your workspace is empty and does not contain any Projects, you will see an empty Project Explorer on your top-left, and a blank center area. After you create a **voice** or **routing** Project, the **Project Explorer** shows all the files and resources that make up the Project. The figure below shows the GUI elements in **Composer perspective** for a sample routing application.



## GUI Element Descriptions

The numbers in the figure above are keyed to the table below.

1	The <b>Project Explorer</b> shows all the files and resources that make up a Project. See <a href="#">Composer Projects and Directories</a> for more information.
2	For large flows, the <b>Outline view</b> (shown above) allows you to navigate to the portion of the flow to view in the design area.
3	The <b>History view</b> maintains previous versions of flows and application files, allowing you to revert to any previous version if needed.

4	The design area is where you create flows by placing and connecting blocks. Composer's design area is the work area that you will use for building your applications.
5	The <b>Palette</b> contains workflow diagram-building blocks or callflow diagram-building blocks grouped in various categories: <a href="#">Voice Block Palette Reference</a> and <a href="#">Routing Block Palette Reference</a> .
6	The <b>Properties view</b> shows block properties and allows you to modify settings, set variables, and otherwise change or set the properties corresponding to a block. This area also displays Call Traces during debugging, or Problems during validation or testing.
7,8	In the top toolbar, the <b>Validate</b> button allows you to check for syntax errors. The <b>Generate Code</b> button creates VXML and SCXML pages from the diagrams you create.
9	<b>Menus</b> and <b>Toolbars</b> provide commands and operations for running Composer.
10	<b>Perspective</b> buttons show the active perspective and let you easily move between perspectives. By default, when you enter the workbench for the first time, you will be taken inside the Composer perspective. Perspectives are arrangements of different sections of the GUI in a manner that facilitates easy use of a particular feature. For example, the <a href="#">GVP</a> and <a href="#">ORS</a> Debugging perspectives will show those sections (Breakpoints, Call Trace, Variables, and so on) that are useful when debugging an application.

Composer displays a Help view on the right if you select **Help > Search** or **Help > Dynamic Help**.

## Perspectives

When you select **Window > Perspective > Open Perspective > Other**, all perspectives available in Eclipse are listed, including those not used by Composer.

Use the following Composer [perspectives](#) for building applications:

- [GVP Debugger](#), for debugging applications you build or import
- [ORS Debugger](#), for debugging routing applications you build or import
- [Prompts Manager perspective](#), which provides the ability to quickly review all prompts in a Composer Project
- The [Composer perspective](#) shows the Project Explorer, Outline view, design area, and Palette of blocks. Composer perspective can show the following tabs in the lower pane: Properties, Prompts Manager, Problems, Console, and Call Trace. Select **Window > Open Perspective**.

- Composer Design perspective can be used to show only the palette of blocks, the canvas area, and the Properties tab.

Any customized perspective appears in this list. You can configure perspectives on the **Window > Preferences > General > Perspectives** preference page.

## Customizing the Show View Menu

A **view** can be displayed by selecting it from the **Window > Show View** menu. You can customize this menu by using **Window > Customize Perspective**. Click the **Submenus** down arrow and select **Show View**.