IO Analysis
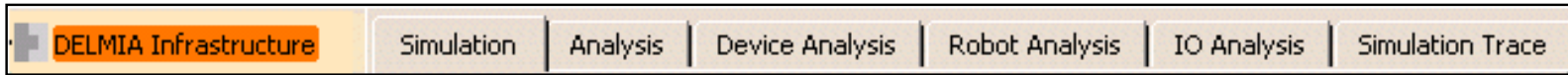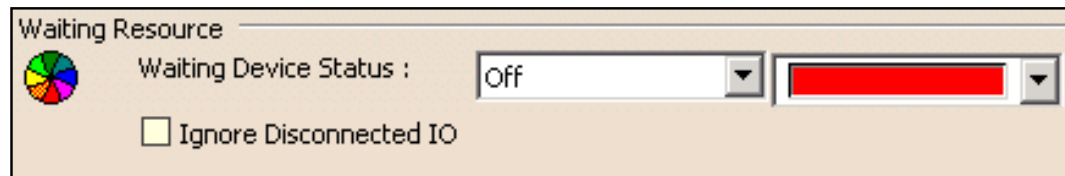
This page deals with **IO Analysis** options, which are:

- Waiting Resource
- Sensor Message

Waiting Resource

Waiting Resource

Waiting Device Status : [Off ▼] [▼]

☐ Ignore Disconnected IO

Waiting Device Status

These settings determine what behavior you can expect from the system when viewing any resources with IO Wait during a simulation.

The analysis level choices are:

- **Off:** (deactivated) the default value
- **Highlight:** Highlighting the transgression on the geometry
- **Verbose:** Setting a verbose mode when a message is displayed
- **Interrupt:** Interrupting the simulation.

If you select **Highlight**, you can select the color in which you wish to see the highlighting occur. This color also highlights transgressions when you are in **Verbose** or **Interrupt** mode. The message displayed in **Verbose** mode is also displayed in **Interrupt** mode.

The IO settings are enabled when you use the **Analysis Configuration** or **Analysis Mode On/Off** command.

The default value for this option is **Off**; its initial color setting is shown above.
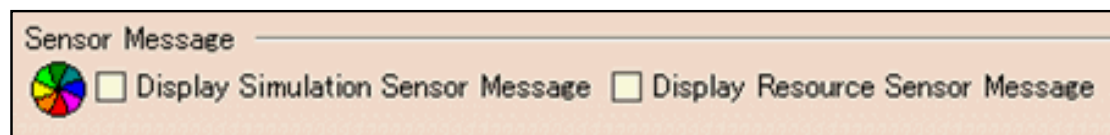
Ignore Disconnected IO

When this option is selected, a simulation proceeds even when wait IO states are part of the simulation. This option enables users who are running simulations originally designed for more than one robot to run a simulation with only one.

The default value for this option is that the check box is not selected.

Sensor Message

Sensor Message

☐ Display Simulation Sensor Message   ☐ Display Resource Sensor Message

Display Simulation Sensor Message

If you select the **Display Simulation Sensor Message** check box, sensor messages appear throughout your simulation

The default value for this option is **Off**.

Display Resource Sensor Message

If you select the **Display Resource Sensor Message** check box, sensor messages appear throughout your simulation

The default value for this option is **Off**.