



Your comments and suggestions on the operation of this software are welcome. Please address them to:

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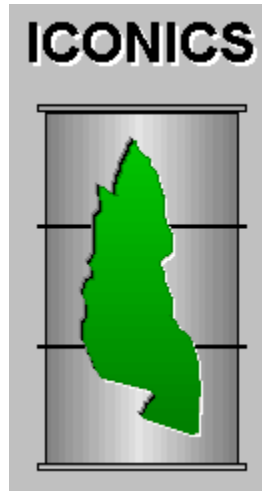
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Introduction

The Vessel ActiveX is included in the GENESIS32 installation, and it can be inserted into any container that has the capability to embed ActiveX objects, including GraphWorX32, VB Form, MS Word, and MS Excel.

To insert the Vessel ActiveX, choose **Insert Object** from the **Edit** menu in GraphWorX32, or click the **Vessel ActiveX** button on the **ActiveX** toolbar. The Vessel will appear as shown below.



Vessel

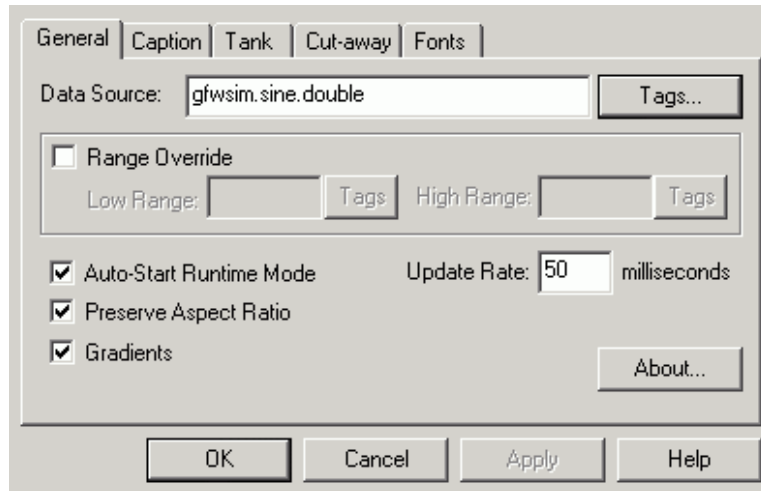
Property Pages

Double clicking on the Vessel ActiveX opens the **Vessel ActiveX Properties** dialog box, which contains the following property pages:

- **General**
- **Caption**
- **Tank**
- **Cut-Away**
- **Fonts**

General

The **General** tab of the **Vessel ActiveX Properties** dialog box, shown below, allows you to select the tag that will be the data source. Clicking the **Tags** button allows you to browse through currently installed OPC servers and their associated tags as well as global aliases and language aliases. The **Range Override** check box allows you to override the ranges associated with the selected tag. If the **Auto-Start Runtime Mode** check box is checked when the display enters runtime mode, it will automatically start to process data. Otherwise the vessel will still appear as it does in configuration mode. The **Preserve Aspect Ratio** check box determines whether the vessel will maintain its ratio when you change its dimensions by moving the edges of the object's frame. The **Gradients** check box determines whether the vessel will be drawn using the gradient style. The **Update Rate** field determines how fast the system will update the data being displayed through the vessel. The fastest update rate is 50 milliseconds. The faster the update rate, the more fluid the motion of the vessel will be.

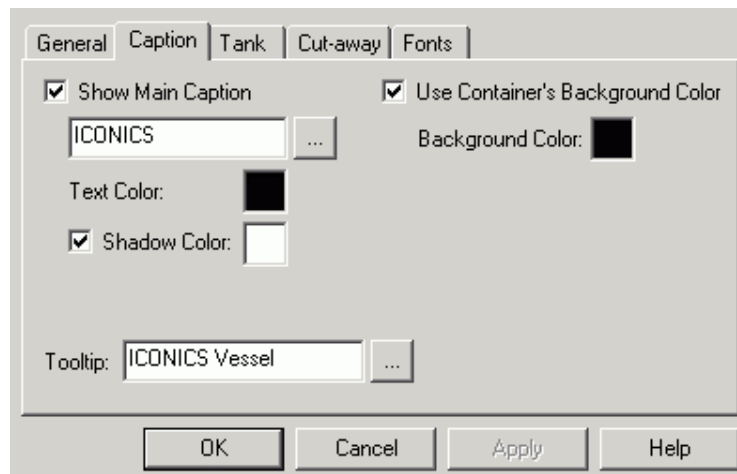


Vessel ActiveX Properties: General Tab

Caption

The **Caption** tab of the **Vessel ActiveX Properties** dialog box, shown below, is used to configure the appearance of the vessel within the container. If the **Use Container's Background Color** box is checked, the background color of the vessel will automatically be set to match the background color of the container. By unchecking this box, you can select a color for the background, and the vessel will now have a border around it.

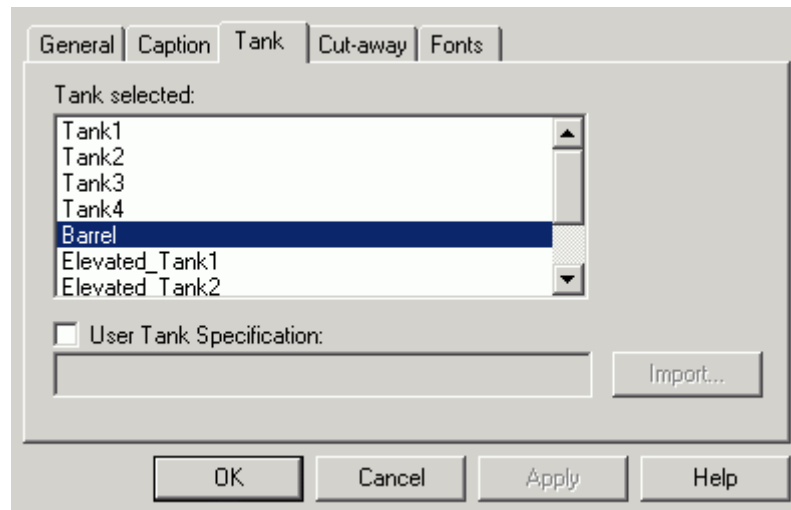
The **Caption** tab also allows you to configure the caption that appears on the vessel, as well as to enter text for the vessel ToolTip that appears when the mouse pointer is over the object. If the **Show Main Caption** box is checked, the text entered underneath will appear as the title of the vessel. The following color boxes allow you to determine the text color and the text shadow color. The ToolTip field allows you to enter a word, phrase, or message to appear as a ToolTip.



Vessel ActiveX Properties: Caption Tab

Tank

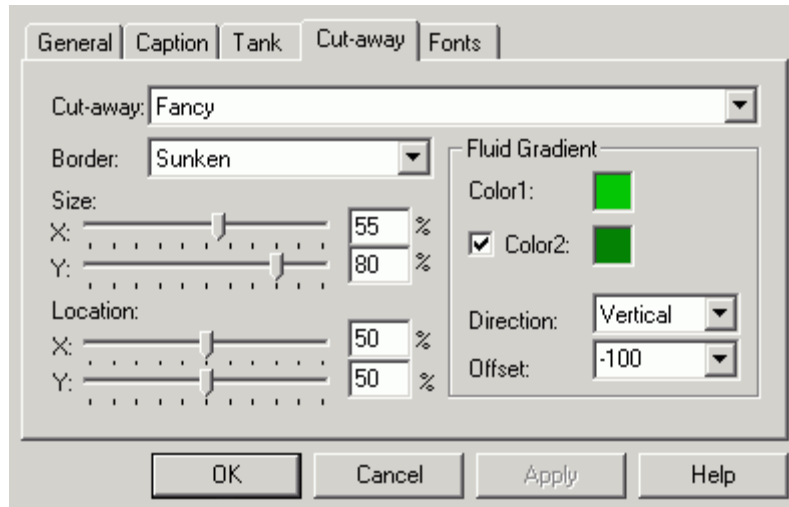
The **Tank** tab of the **Vessel ActiveX Properties** dialog box, shown below, is used to define the type of tank displayed. The **Tank Selected** list box contains a set of predefined tanks. If the **User Tank Specification** check box is enabled and the edit box below contains correct path to the user-defined tank file, the user-defined tank will be used instead of predefined tank. The **Import** button allows you to specify the path and file name easily. The custom tank can be imported both as a windows metafile (*.wmf) and an enhanced metafile (*.emf).



Vessel ActiveX Properties: Tank Tab

Cut-Away

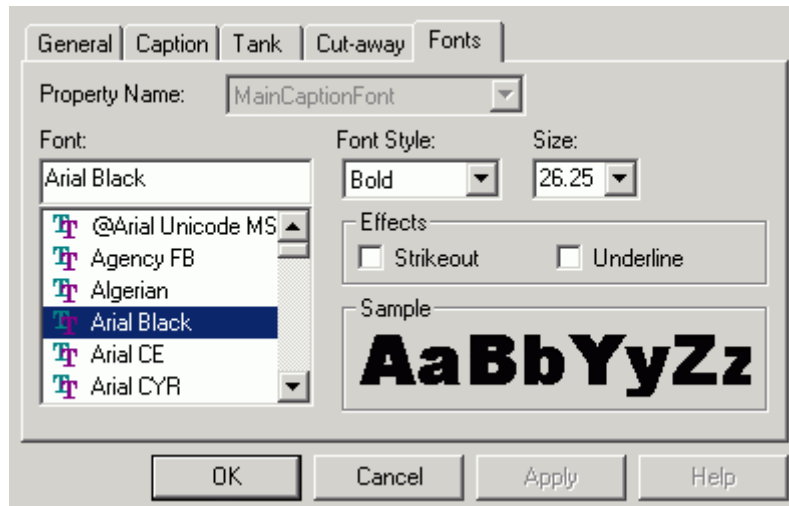
The **Cut-Away** tab of the **Vessel ActiveX Properties** dialog box, shown below, allows you to configure the appearance of the vessel cut-away. The **Cut-Away** combo box contains the set of predefined cut-away styles that are available. The **Border** drop-down menu allows you to select an edge style (thin line, medium line, thick line, etched, bump, raised, sunken, or none). The **Size** and **Location** slider controls define the percentage of the vessel that the cut-away will reach. The **Size** slider controls define the size of the cut-away as a percentage of the vessel size. The **Location** is the cut-away position relative to the vessel dimensions. The **Fluid Gradient** section determines the appearance of the cut-away, such as its colors, gradient direction, and offset. The gradient **Offset** property should be clamped to the range -100 to 100.



Vessel ActiveX Properties: Cut-Away Tab

Fonts

The **Fonts** tab of the **Vessel ActiveX Properties** dialog box, shown below, is similar to many other fonts property screens, with one exception: the **Property Name** field. The **Font** field determines the font, and the **Font Style** determines whether the text will be **Regular**, **Bold**, **Italic**, or **Bold Italic**. The **Effects** section allows for strikeout or underlining, and the **Sample** section shows a real-size example of the font, style, and size you have chosen.



Vessel ActiveX Properties: Fonts Tab