

JacORB

Version 2.1

Properties Manager



OpenFusion® TCS

JacORB

PROPERTIES MANAGER GUIDE



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Notices

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Preface

About the JacORB Properties Manager Guide

The *JacORB Properties Manager Guide* is included with OpenFusion TCS as part of the product documentation.

The *JacORB Properties Manager Guide* is intended to be used with the JacORB Programming Guide.

Intended Audience

The *JacORB Properties Manager Guide* is intended to be used by developers and administrators who need to configure a JacORB installation.

Conventions

The conventions listed below are used to guide and assist the reader in understanding the JacORB Properties Manager Guide.



Item of special significance or where caution needs to be taken.



Item contains helpful hint or special information.



Information applies to Windows (e.g. NT, 2000) only.



Information applies to Unix based systems (e.g. Solaris) only.

Hypertext links to WWW and other internet services are shown as *blue italic underlined*.

On-Line (PDF) versions of this document: Items shown as cross references to other parts of the document, e.g. *Contacts* on page vi, behave as hypertext links: users can jump to that section of the document by clicking on the cross reference.

% *Commands or input which the user enters on the command line of their computer terminal*

Courier, **Courier Bold**, or *Courier Italic* fonts are used to indicate programming code. The Courier font can also be used to indicate file names (in order to distinguish the file name from the standard text).

Extended code fragments are shown as small Courier font contained in shaded, full width boxes (to allow for standard 80 column wide text), as shown below:

```
NameComponent newName[] = new NameComponent[1];  
  
// set id field to "example" and kind field to an empty string  
newName[0] = new NameComponent ("example", "");
```

```
rootContext.bind (newName, demoObject);
```

Italics and ***Italic Bold*** are used to indicate new terms, or emphasise an item.

Arial Bold is used to indicate user related actions, e.g. **File | Save** from a menu.

Step 1: One of several steps required to complete a task.

Contacts

PrismTech can be contacted at the following address, phone number, fax and e-mail contact points for information and technical support. Users of the On-line version of this manual can *click* the e-mail addresses below to launch their e-mail client or Web browser to send e-mail direct to PrismTech.

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1 JacORB Properties Manager

1.1 Overview

The JacORB Properties Manager is a GUI tool which can be used to configure JacORB's properties. The JacORB Properties Manager is installed with OpenFusion as part of the Administration Manager tool.

Consult the *JacORB Programming Guide* for a full list and description of the JacORB configuration properties.

1.2 Running the JacORB Properties Manager

The JacORB Properties Manager can be started from the OpenFusion Administration Manager or as a stand-alone browser launched from the command line.

The JacORB Properties Manager reads properties from a `jacorb.properties` file. The default location for this file is:

```
<INSTALL>/classes/jacorb.properties
```

where `<INSTALL>` is the OpenFusion TCS installation directory. An alternative location can be specified for this file when the Manager is launched, as described below.

Starting from the Administration Manager

Select **JacORB Properties Manager** from the **Tools** menu.

This will attempt to read the `jacorb.properties` file from its default location. If it is not found, the Manager will prompt for the file location. Note that this method does not allow an alternative `jacorb.properties` file to be specified if the file already exists in the default location.

Starting from the command line

To start the JacORB Properties Manager with the default `jacorb.properties` file, use the following command:

```
% run com.prismt.cos.treebrowser.properties.  
PropertiesBrowser
```

If the `jacorb.properties` file is not found in the default location, the Manager will prompt for the file location.

Alternatively, to start the JacORB Properties Manager with a specific `jacorb.properties` file, use the following command:

```
% run com.prismt.cos.treebrowser.PropertiesBrowser -file
<FILE>
```

where `<FILE>` is the full path and name of the required `jacorb.properties` file.

1.3 Using the JacORB Properties Manager

The JacORB Properties Manager has a two-pane view. The left-hand pane displays a node representing the Manager instance. The right-hand pane displays the JacORB properties, grouped onto a number of tabbed panels.

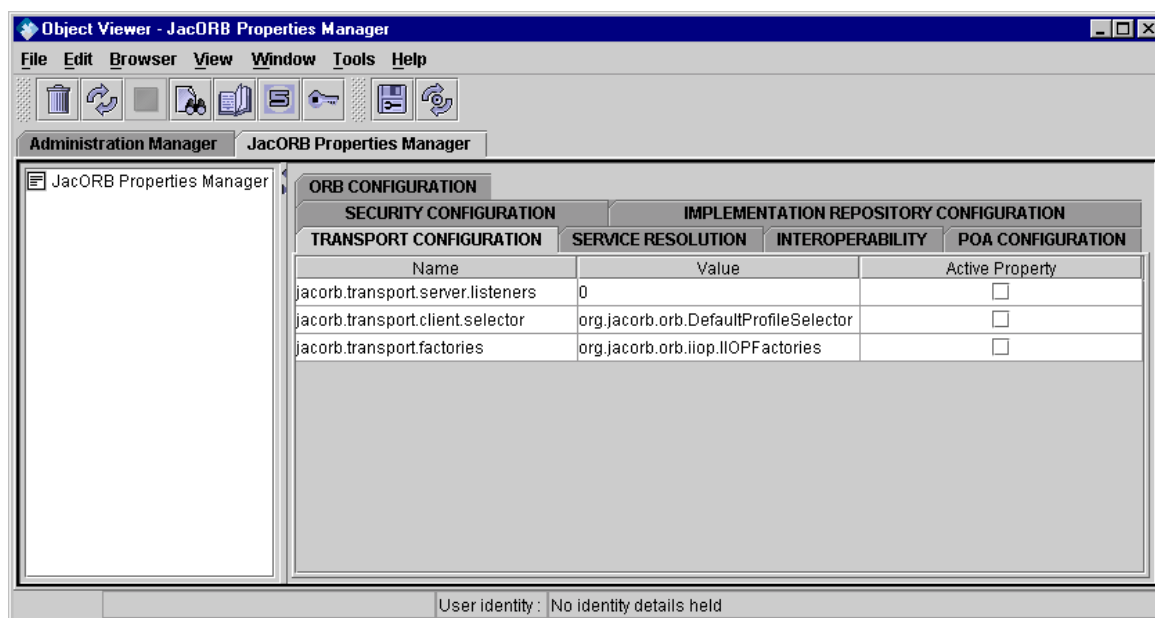


Figure 1 JacORB Properties Manager Pane

Properties

Properties are accessed using the following tabbed panels:

- *ORB Configuration*

- *POA Configuration*
- *Transport Configuration*
- *Security Configuration*
- *Service Resolution*
- *Implementation Repository Configuration*
- *Interoperability*

Each property has a tool tip which briefly describes the property when the mouse hovers over it. Properties are fully described in the *JacORB Programming Guide*.

Property values updated in the Property Manager are not automatically committed to the `jacorb.properties` file. To commit the changes, use either the **Save** or the **Save As New Properties File** option, described below.

Active Properties

The checkbox in the *Active Property* column indicates whether the property is active (the box will be checked) or inactive (the box will be clear). An inactive property is one which exists in the `jacorb.properties` file but is commented out. The state can be changed by clicking in the checkbox (to check or clear it, as appropriate).

If a property is inactive its value can be updated using the Properties Manager but it will remain commented out when it is saved to the `jacorb.properties` file.

Options

Right-clicking on the *JacORB Properties Manager* node in the left-hand panel will give a pop-up menu with the three options described below.

Save

Saves the current state of the properties to the file they were read from, over writing the original file. The original file will be over written even if no changes have been made to any properties.



Caution: Only the properties are saved. This means that any comment lines in the original properties file will be lost. Note that the default `jacorb.properties` file contains a considerable amount of commentary and explanation.

Save As New Properties File

Saves the property set to a new file. It prompts for a file name and location, which can be an existing file (which will be over written) or a new file.

Run IMR Manager

Launches the IMR Manager in a new process. The IMR Manager is a GUI tool supplied with JacORB. Consult the *JacORB Programming Guide* for details.