

User Interface

The MRI window has some controls and the menubar.

Controls

MRI Window

You can resize the MRI window. And you can use multiple MRI windows at a time. MRI can change initial position and initial size of MRI window, use Configuration Button for this purpose. See Configuration section in detail.

Menubar

You can access to some functions from menu entries. Each entry is described in Menubar section.

Scope Listbox

Select an item from scope list you want to take a kind of information about the current target.

Implementation Name Text Field

This control is placed at the bottom part of the window. This edit box shows ImplementationName of the target.

Object Type Name Text Field

Object type indicates the type of the target. This value is taken from com.sun.star.reflection.CoreReflection service.

History Listbox

History Listbox have a list of targets. Histories are updated when you call properties or methods returns an object. You can change the target using this listbox.

Go Back Button

Show previous target form the history now selected.

Go Forward Button

Show previous target form the history now selected.

Search Text Edit

You want to search text inside the information edit.

Search Button

Start searching from ending of the cursor position of the information edit.

Open IDL Reference Button

Open the IDL Reference page according to the selected scope. If you want to use this button to open IDL Reference, see Configuration section and configure the settings. If Properties or Methods scope is selected and selection begins "." in information edit, MRI ascribes a selected text connected with "com.sun.star". If Methods scope selected and not selected in information edit, IDL reference page of the interface of a method shown in caret line. A caret line text is used as IDL Reference page if Interfaces or Services scope is selected. You may not to select

texts that you want to open the page of IDL Reference.

Information Edit

All information about the target shown here. Double click a line of the displayed text, you can get property value if Properties scope selected or invoke method and get its return value if Methods scope selected. A font name and a character size used in this edit can be changed using Configuration button. See Configuration section.

If this control is focused on, some shortcut keys are used. See Shortcut Keys section about them.

Information Label

MRI shows information here.

Code Edit

Code is shown on this area. The type of code can be chose from Tools - Code.

Splitter

Double-click on this control to show/hide code edit.

index button

This button provides shortcut to call getByIndex method if the current target supports com.sun.star.container.XIndexAccess interface.

name button

This button allows you to call getName method directory if com.sun.star.container.XNameAccess interface is supported by the target.

Menubar

Descriptions of the menubar of the MRI window.

File Menu

New

Creates a new document and its model object is opened as a target for MRI.

Output

Makes a document about information of current target.

Rename

Changes title name of the current MRI window.

Diff

Compare two object about property values.

Tools Menu

States of these checkable options in Tools menu are stored in the settings (see [Configuration section](#))

Sort A-z

When this menu checked, information lines are sorted by A-Z, a-z order.

Abbreviated

If this menu checked, "com.sun.star." is replaced with "." (comma). For example, "com.sun.star.lang.XComponent" is shown like ".lang.XComponent".

Show Labels

If checked this menu entry, labels are displayed in the information edit.

Code

Code generation menu. See [Code](#) .

Configuration...

If you want to set your IDL Reference directory and your browser path, choose this entry. Configuration dialog opens when this menu is selected. And you can set initial position and size of MRI window. Configuration of MRI is described in Configuration section.

Targets Menu

The Desktop, ServiceManager, new service and new structs are accessed directly as a target from this menu entries. And all frames attached to Desktop are accessed too.

Desktop

If you select Desktop entry, new instance of com.sun.star.frame.Desktop service is created as a target.

ServiceManager

If ServiceManager entry is selected, com.sun.star.lang.XMultiComponentFactory interface is taken as a target from default context.

Services

If you select this entry, dialog box having the edit control is open and input a service name that you want to instantiate as a target.

Structs

You can create new struct as a target like the service.

Frames

General application frames are attached using append method of com.sun.star.frame.XFrames interface accessed through getFrames method of

com.sun.star.frame.XFramesSupplier interface supported by com.sun.star.frame.Desktop service. We can access to frames contained into its frames container through the Desktop. And we have no way to access to frames are not appended to its container. Child frames are accessed through its parent frames container. So, MRI can access frames attached to the Desktop. When you select a frame from menu entries, MRI tries to get it as a target. If the frame that you selected is not exist, MRI fails to get it. These entries are updated automatically when you select the Targets menu. If you select a name from this list, MRI gets frame object having it from Desktop. After you select a frame object, the target is com.sun.star.frame.XFrame interface. If you want to see its model object, choose Controller property and next Model property of its controller (or use getController method and getModel method). See about how to get values of the target, Properties subsection.

Mode Menu

This menu depends on only the property scope is selected. These Get and Set entries are radio type items.

Get

If Get mode selected, property values are got from the target and MRI shows them.

Set

Properties having numerical, string or boolean type value can be set their value.

Window

Window changer like a normal Window menu of the general OpenOffice.org document window.

Macros Menu

This menu shows macro entries.

Help Menu

Help about MRI.

MRI Help

Open this help file.

What's This?

Show extended tool tip of the control.

About MRI

About MRI and its version information.