

# \$toolbar

## MS Windows Toolbar Functions

### Description:

This utility controls the MS Windows toolbars in ARRIS.

### Syntax:

`$toolbar(command,[file],[mode])`

### Arguments:

#### **command (string)**

This argument determines the specific function the \$toolbar utility is to perform. Valid commands are as follows:

**load** - Loads the named toolbar. The "load" function uses the "mode" argument described below

**open** - Opens the toolbar named in the second argument, causing it to display. The toolbar must have been loaded before it may be opened.

**close** - Closes the toolbar named in the second argument so that it is no longer displayed.

**toggle** - Closes the toolbar named in the second argument if it is open, and opens the named toolbar if it is closed.

**update** - Updates all buttons in the toolbar named in the second argument that display their state.

**default** - Resets toolbars to their default configuration.

#### **file (string) (optional)**

This argument is the toolbar name that the function named in the first argument is performed on. The argument is the actual toolbar name as expressed in the toolbar definition file, not the definition file name.

#### **mode (string) (optional)**

The mode argument is used when the command argument is "load". This parameter determines what to do with existing toolbars. Valid mode settings are:

**wipe** - Throw away all existing toolbars before loading the new ones.

**add** - Add new toolbars to the existing set. If the names of some existing toolbars are duplicated, "add" leaves the old toolbars in place and discards new ones.

**replace** - Add new toolbars to the existing set. If the names of some existing toolbars are

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duplicate, "replace" discards the existing toolbars in favor of new ones with the same name.

### Example:

```
$toolbar('open','View Control')
```

This example will display the View Control toolbar on the screen.

```
$toolbar('toggle','OpenGL')
```

This example will display the OpenGL toolbar on the screen if it is not currently displayed, and clear it from the screen if it is currently displayed.

```
$toolbar('load','Desktop','wipe')
```

This example will load the Desktop toolbar, replacing any previous definition.

### Related Utilities:

[\\$menubar](#).

### Notes:

1. All available toolbars are listed in the \$ARRIS\lib\toolbars.txt file.
2. Each individual toolbar is defined in a toolbar definition file. These are located in \$ARRIS\lib\toolbars for ARRIS / BuildersCAD toolbars. User custom toolbar definition files may also be located in a \toolbars subdirectory under the Standards and User Home directories.
3. This utility is used by the :mn\_opengl and :mn\_dynamview commands to open and close toolbars.