



\$ man xdg-icon-resource.1

XDG-ICON-RESOURCE(1) xdg-icon-resource Manual XDG-ICON-RESOURCE(1)

NAME

xdg-icon-resource - command line tool for (un)installing icon resources

SYNOPSIS

```
xdg-icon-resource install [--noupdate] [--novendor] [--theme theme] [--context context]
                        [--mode mode] --size size icon-file [icon-name]

xdg-icon-resource uninstall [--noupdate] [--theme theme] [--context context] [--mode mode]
                        --size size icon-name

xdg-icon-resource forceupdate [--theme theme] [--mode mode]

xdg-icon-resource {--help | --manual | --version}
```

DESCRIPTION

The `xdg-icon-resource` program can be used to install icon resources into the desktop icon system in order to illustrate menu entries, to depict desktop icons or to graphically represent file types.

The desktop icon system identifies icons by name. Depending on the required size, the choice of icon theme and the context in which the icon is used, the desktop icon system locates an appropriate icon resource to depict an icon. Icon resources can be XPM files or PNG files.

The desktop icon system works according to the XDG Icon Theme Specification at <http://www.freedesktop.org/wiki/Specifications/icon-theme-spec>

COMMANDS

install

Installs the icon file indicated by icon-file to the desktop icon system under the

name icon-name. Icon names do not have an extension. If icon-name is not provided the name is derived from icon-file. The icon file must have .png or .xpm as extension. If a corresponding .icon file exists in the same location as icon-file it will be installed as well.

uninstall

Removes the icon indicated by icon-name from the desktop icon system. Note that icon names do not have an extension.

forceupdate

Force an update of the desktop icon system. This is only useful if the last call to xdg-icon-resource included the --noupdate option.

OPTIONS

--noupdate

Postpone updating the desktop icon system. If multiple icons are added in sequence this flag can be used to indicate that additional changes will follow and that it is not necessary to update the desktop icon system right away.

--novendor

Normally, xdg-icon-resource checks to ensure that an icon file to be installed in the apps context has a proper vendor prefix. This option can be used to disable that check.

A vendor prefix consists of alpha characters ([a-zA-Z]) and is terminated with a dash ("-"). Companies and organizations are encouraged to use a word or phrase, preferably the organizations name, for which they hold a trademark as their vendor prefix. The purpose of the vendor prefix is to prevent name conflicts.

--theme theme

Installs or removes the icon file as part of theme. If no theme is specified the icons will be installed as part of the default hicolor theme. Applications may install icons under multiple themes but should at least install icons for the default hicolor theme.

--context context

Specifies the context for the icon. Icons to be used in the application menu and as desktop icon should use apps as context which is the default context. Icons to be used as file icons should use mimetypes as context. Other common contexts are actions, devices, emblems, filesystems and stock.

--size size

Specifies the size of the icon. All icons must be square. Common sizes for icons in the apps context are: 16, 22, 32, 48, 64 and 128. Common sizes for icons in the mimetypes context are: 16, 22, 32, 48, 64 and 128

--mode mode

mode can be user or system. In user mode the file is (un)installed for the current user only. In system mode the file is (un)installed for all users on the system.

Usually only root is allowed to install in system mode.

The default is to use system mode when called by root and to use user mode when called by a non-root user.

--help

Show command synopsis.

--manual

Show this manual page.

--version

Show the xdg-utils version information.

ENVIRONMENT VARIABLES

xdg-icon-resource honours the following environment variables:

XDG_UTILS_DEBUG_LEVEL

Setting this environment variable to a non-zero numerical value makes xdg-icon-resource do more verbose reporting on stderr. Setting a higher value increases the verbosity.

XDG_UTILS_INSTALL_MODE

This environment variable can be used by the user or administrator to override the installation mode. Valid values are user and system.

EXIT CODES

An exit code of 0 indicates success while a non-zero exit code indicates failure. The following failure codes can be returned:

1

Error in command line syntax.

2

One of the files passed on the command line did not exist.

3

A required tool could not be found.

4

The action failed.

5

No permission to read one of the files passed on the command line.

SEE ALSO

xdg-desktop-icon(1), xdg-desktop-menu(1), xdg-mime(1), Icon theme specification[1]

EXAMPLES

To install an icon resource to depict a launcher for the application myfoobar, the company ShinyThings Inc. can use:

```
xdg-icon-resource install --size 64 shinythings-myfoobar.png
```

To install an icon for a new application/x-foobar file type one can use:

```
xdg-icon-resource install --context mimetypes --size 48 ./mime-foobar-48.png application-x-foobar
```

```
xdg-icon-resource install --context mimetypes --size 64 ./mime-foobar-64.png application-x-foobar
```

This will install two icons with the name application-x-foobar but with different sizes.

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NOTES

1. Icon theme specification

<http://www.freedesktop.org/wiki/Specifications/icon-theme-spec/>

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