

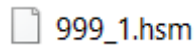
1

hsm structure

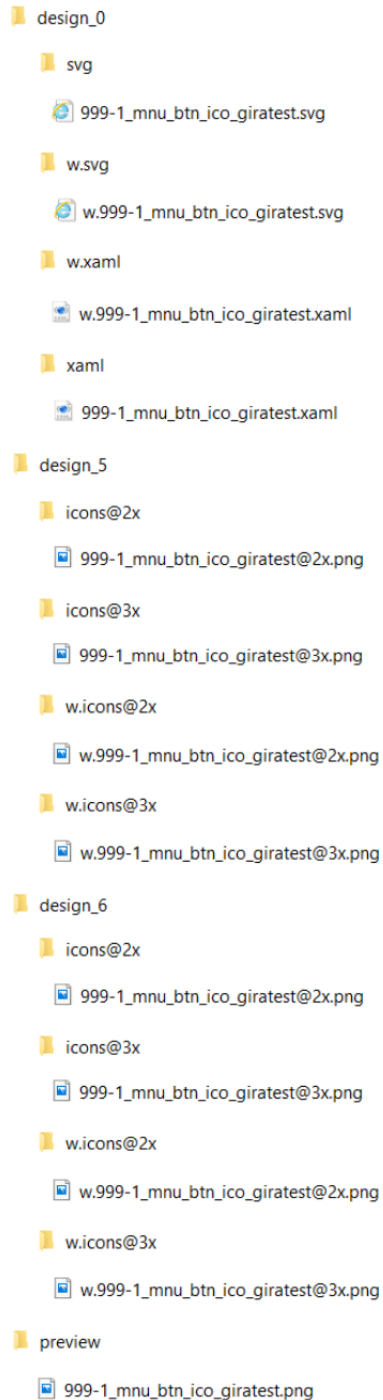
The following hsm symbol file structure applies to the integration of your own symbols in the QuadClient and HomeServer mobile apps from version 4.11.0 onwards.

Individual symbol files are provided for the bright and dark design. They are distinguished by the prefix "w.". The Clients will always use the file without prefix in the dark design and the corresponding file with prefix in the bright design. The file names should have ASCII-encoded names, i.e. the names must not include any special characters.

Menu symbol example:



The QuadClient Importer can tell by the file extension that the file contains symbols for the QuadClient or mobile apps. The file is "zipped" and contains the following folders when unzipped:



/design_0/svg/

The symbols for the dark design for the Android Client can be found here.
The included files are svg graphics.

/design_0/w.svg/

The symbols for the bright design for the Android Client can be found here.
The format is the same as in the folder /design_0/svg/.
The file name must match the file name of the corresponding file in the folder /
design_0/svg/ exactly, plus the prefix "w.".

/design_0/xaml/

The symbols for the dark design for the QuadClient can be found here.
The included files are xaml graphics.

/design_0/w.xaml/

The symbols for the bright design for the QuadClient can be found here.
The format is the same as in the folder /design_0/xaml/.
The file name must match the file name of the corresponding file in the folder /design_0/xaml/ exactly, plus the prefix "w.".

/design_5/icons@2x/

The symbols for the dark design for the iPhone with retina display can be found here.
The included files are png graphics.

/design_5/icons@3x/

The symbols for the dark design for the iPhone with super retina display can be found here.
The file name must match the file name of the corresponding file in the folder /design_5/icons@2x/ exactly, with the suffix "@3x".

/design_5/w.icons@2x/

The symbols for the bright design for the iPhone with retina display can be found here.
The included files are png graphics with the same size as in the folder /design_5/icons@2x/.
The file name must match the file name of the corresponding file in the folder /design_5/icons@2x/ exactly, plus the prefix "w.".

/design_5/w.icons@3x/

The symbols for the bright design for the iPhone x and higher can be found here.
The included files are png graphics with the same size as in the folder /design_5/icons@3x/.
The file name must match the file name of the corresponding file in the folder /design_5/w.icons@2x/ exactly, with the suffix "@3x" and the prefix "w.".

/design_6/icons@2x/

The symbols for the dark design for the iPad with retina display can be found here.
The included files are png graphics.

/design_6/icons@3x/

The folder is of preparatory nature. No "*@3x.png" files are currently (2020) used in the iPad.

/design_6/w.icons@2x/

The symbols for the bright design for the iPad with retina display can be found here.

The included files are png graphics with the same size as in the folder /design_6/icons@2x/.

The file name must match the file name of the corresponding file in the folder /design_6/icons@2x/ exactly, plus the prefix "w.".

/design_6/w.icons@3x/

This folder is of preparatory nature. No "*@3x.png" files are currently (2020) used in the iPad.

/preview/

Here are the thumbnails for the QuadConfig.

The included files are png graphics.

Only one symbol needs to be inserted in the preview. The symbol for the bright design should be used. In this case, the prefix "w." can be omitted.

config_lang.xml

"config_lang.xml" contains the description and translation texts for the QuadClient Importer and the QuadConfig symbol preview.

```
<?xml version='1.0' encoding='utf-8'?>
<language>
<text key="#999-1_name" default="GIRA Testicons 1.0">
<lang id="de" value="GIRA Testicons 1.0 (DE)" />
<lang id="en" value="GIRA Testicons 1.0 (EN)" />
<lang id="fr" value="GIRA Testicons 1.0 (FR)" />
<lang id="it" value="GIRA Testicons 1.0 (IT)" />
</text>
<text key="#prev.menu.999-1_mnu_btn_ico_giratest" default="Gira-Testicon">
<lang id="de" value="Gira-Menu-Testicon (DE)" />
<lang id="en" value="Gira-Menu-Testicon (EN)" />
<lang id="fr" value="Gira-Menu-Testicon (FR)" />
<lang id="it" value="Gira-Menu-Testicon (IT)" />
</text>
</language>
```

SymbolCategories.xml

The symbols can be categorised here (optional).

One or more sub-categories are (optionally) assigned to a (master) category.

Multiple assignments are possible.

Syntax: master[:[Sub][,[Sub]]];master...

Available categories:

SymbolCategory	Name	Description
Alarm	Alerting	Alerting, alarms
Building	Building parts	Building parts
Device	Functions	Functions
General	General	General
HeatingAirCondition	Heating / air conditioning	Heating, ventilation and air conditioning (HVAC)
Household	Household	Household, domestic appliances
Lights	Lighting	Lighting
Misc	Miscellaneous	Miscellaneous
Multimedia	Multimedia	Multimedia, audio, TV
Notifications	Notifications	Notifications, notes and faults
Outside	Outdoor facilities	Outdoor facilities
Status (:On/:Off)	Status	Status display (on/off)
Switch (:On/:Off)	Switching	Switching states (on/off)
Weather	Weather	Weather conditions
WindowCovering	Window/darkening	Blind, roller shutter, awning, window, curtain, gate

```
<?xml version="1.0" encoding="utf-8"?>
<icons xmlns="http://www.gira.com/xml/qc">
  <icon id="999-1_mnu_btn_ico_giratest" categories="Misc;General" />
</icons>
```

version.xml

The following is described in "version.xml":

id: x-y

x developer id (you can receive your own developer ID at entwicklerforum.gira.de)

y: consecutive number if several symbol files with the same developer ID are to be made available.

version: version number (if a revised symbol file is to be imported, the version number must be higher than the one already imported).

scope: The scope shows the range of use of the symbols. A distinction is made between "Menu", "MyTouch", "Panel" and "Popup". An hsm file may only contain exactly one scope. This means that if symbols for the panel and menu area are to be imported, two hsm files must be created for this purpose.

name: name of the symbol file displayed in the QuadClient Importer.

manufacturer: developer displayed in the QuadClient Importer.

contact: contact information displayed in the QuadClient Importer.

```
<qcm>
<header>
<id>999-1</id>
<version>1.1.200620</version>
<scope>Menu</scope>
<name>#999-1_name</name>
<manufacturer>Gira Giersiepen GmbH & Co. KG</manufacturer>
<contact>http://www.gira.de/</contact>
</header>
</qcm>
```

Icon sizes

Different graphic formats are used for the various Clients:

QuadClient: *.xaml (design_0)

iOS Apps: *.png (design_5-6)

Android Apps: *.svg (design_0)

There are specific sizes, depending on the place of use, which should be observed.

	Main menu icon	Standard template icon	Wide template icon	Small template icon	Pop-up template icon
Basic size	80 x 80 px	40 x 40 px	80 x 40 px	26 x 26 px	40 x 40 px
Generated sizes					
xaml (size does not need to be adjusted)	80 x 80 px	40 x 40 px	80 x 40 px	26 x 26 px	40 x 40 px
svg (size does not need to be adjusted)	80 x 80 px	40 x 40 px	80 x 40 px	26 x 26 px	40 x 40 px
png	iPhone retina 126 x 126 px (@2x)	iPhone retina 80 x 80 px (@2x)	iPhone retina 160 x 80 px (@2x)	iPhone retina 52 x 52 px (@2x)	iPhone retina 80 x 80 px (@2x)
	iPhone super retina 189 x 189 px (@3x)	iPhone super retina 120 x 120 px (@3x)	iPhone super retina 240 x 120 px (@3x)	iPhone super retina 60 x 60 px (@3x)	iPhone super retina 120 x 120 px (@3x)
	iPad retina 190 x 190 px (@2x)	iPad retina 98 x 98 px (@2x)	iPad retina 196 x 98 px (@2x)	iPad retina 64 x 64 px (@2x)	iPad retina 98 x 98 px (@2x)
png preview (white background)	77 x 77 px	77 x 77 px (optional)*	77 x 77 px (optional)	77 x 77 px (optional)	77 x 77 px (optional)

*The preview is only required if the symbols in a template are to be selectable via the configuration in Quadconfig.

**In some cases, it may be necessary to deviate from the standard format in order to display a wide icon.