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ThemesHowTo

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HowTo: Create Themes

Note: You should read the [Module Reference](#) and the [Template Reference](#) before.

We assume you want to call your new theme `mytheme` . Make sure you replace this by your module name everytime this is mentionend in this Howto.

Creating the structure

At first create a new theme directory `themes/luci-theme-mytheme` .

Create a `Makefile` inside your theme directory with the following content:

```
include $(TOPDIR)/rules.mk

LUCI_TITLE:=Title of mytheme

include ../../luci.mk
# call BuildPackage - OpenWrt buildroot signature
```

Create the following directory structure inside your theme directory.

- ipkg
- htdocs
 - luci-static
 - mytheme
- luasrc
 - view
 - themes
 - mytheme
- root
 - etc
 - uci-defaults

Designing

Create two LuCI HTML-Templates named `header.htm` and `footer.htm` under `luasrc/view/themes/mytheme` . The `header.htm` will be included at the beginning of each rendered page and the `footer.htm` at the end. So your `header.htm` will probably contain a DOCTYPE description, headers, the menu and layout of the page and the `footer.htm` will close all remaining open tags and may add a footer bar but hey that's your choice you are the designer ;-).

Just make sure your `header.htm` begins with the following lines:

```
<%
require("luci.http").prepare_content("text/html")
-%>
```

This makes sure your content will be sent to the client with the right content type. Of course you can adapt `text/html` to your needs.

Put any stylesheets, Javascripts, images, ... into `htdocs/luci-static/mytheme` . You should refer to this directory in your header and footer templates as: `<%=media%>` . That means for a stylesheet `htdocs/luci-static/mytheme/cascade.css` you would write:

```
<link rel="stylesheet" type="text/css" href="<%=media%>/cascade.css" />
```

Making the theme selectable

If you are done with your work there are two last steps to do. To make your theme OpenWrt-capable and selectable on the settings page you should now create a file `root/etc/uci-defaults/luci-theme-mytheme` with the following contents:

```
#!/bin/sh
uci batch <<-EOF
    set luci.themes.MyTheme=/luci-static/mytheme
    commit luci
EOF
exit 0
```

That's all. Now send your theme to the LuCI developers to get it into the development repository - if you like.

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