

# Generating alternative smartadmin module

This page reorganizes the operational steps for **Generating alternative smartadmin module**.

If you plan to apply substantial changes to the SmartAdmin theme module, it can be worth getting one developer license and compile your own smartadmin theme module. If not used to nodejs, npm and gulp, it can appear troublesome to compile all the data. Hidden in the SmartAdmin documentation there is a Youtube video <https://www.youtube.com/watch?v=LwD-kYIZXtw> but the relevant steps are the following:

Install nvm to be able to select the nodejs version of choice. The documentation states to use version 6.9.2, but that doesn't work, so I used version 10.16.0

```
curl -sL https://raw.githubusercontent.com/creationix/nvm/v0.35.3/install.sh -o install_nvm.sh
```

```
chmod a+x install_nvm.sh
```

```
./install_nvm.sh
```

Check the available versions

```
nvm -ls-remote
```

Install the version of your choice

```
nvm install 10.16.0
```

```
npm install express
```

Go in the smartadmin-html-full and run the commands:

```
npm install gulp
```

```
npm install
```

```
gulp build
```

```
gulp build-rtlcss
```

Depending on the system you may need to install gulp using:

```
npm install --global gulp-cli
```

If you just want to change the colors, the relevant change to apply is in  
./src/scss/\_modules/variables.scss

These are the colors used by default:

```
$color-primary: #2198F3;
```

```
$color-success: #52bf11;
```

```
$color-info: #BB1BF4;
```

```
$color-warning: #FF9A13;
```

```
$color-danger: #FC1349;
```

Don't forget to enable some "speedups" in build.json

```
"compile": {  
  
  "jsUglify": true,  
  
  "cssMinify": true,  
  
  "jsSourceMaps": true,  
  
  "cssSourceMaps": true,  
  
  "autoprefixer": true,  
  
  "seedOnly": false,  
  
  "rtl": false  
  
},
```

Don't forget, if you are going to upgrade jquery-ui, to not include the tooltip module because it collides with the bootstrap one.

## Current Verification

After applying the change, verify the related MiRTA PBX page, the Asterisk logs, and the relevant Status menu entry. Recheck tenant selection before testing tenant-specific behavior.

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