Content (/support/documentation/index.php/universal/5-content)

Your app's menu/content is defined in a configuration file. We have a tool to create configuration files which you can visit using the button below. After you're done creating your configuration, download the configuration file to use in the next step.

> Visit Configurator   http://sherdle.com/support/documentation/universal_configurator

Continue reading to learn more about using this tool and which values to enter!

> **What if I don't want to use the online configurator?**
> If you do not have an internet connection, or simply do not wish to use our Configurator tool, you can also manually compose your Configuration files based on the JSON Schema's of these files that are included in your download. However, this is not recommended if you are not familiar with JSON or JSON Schema's.

Structure of the configuration

Your main configuration consists of menu items, each menu item consists of <u>one or more</u> tabs. If a menu item has only 1 tab, the tab bar will be hidden.

Each menu item defined in your configuration defines a menu item (drawer item) in your application. The following parameters are required for menu items:

- Title; *This is mandatory,* its the name of the menu item.
- Drawable; *This is optional*, its the name of a drawable icon in your app. It must be a drawable already stored locally in the drawable folder(s) of your app. Read more about adding drawables to your app (/support/documentation/../community/index.php?action=artikel&cat=12&id=78&artlang=en).
- Submenu schema; *This is optional*, without entering a value here the item will be shown as a top level menu item. If you'd like to section menu items you can specify a section name here. Menu items with the same value for 'Submenu' schema will be shown in the same section (menu items must be neighbours, next to each other in the configuration).
- In-app purchases; *This is optional.* Set to 'true' if the user should make an in-app purchase to unlock/use this item. *Keep in mind that using in-app purchases in your app requires the Extended License from CodeCanyon.*
- A list of **tabs**; This is required. Each tab:
  - Is based on a content provider (below is a list of content providers)
  - Has a name (you can leave this value empty if you add only 1 tab to your menu item)
  - Has parameters. Below is a list of content providers, and the parameters you should enter for each content provider.

Content Providers & Parameters

Below you'll find a list of all the content providers tabs support, and the parameters you should use. We usually also provide an example of parameters, where parameters are "quoted" and comma separated.

Wordpress item

If you would like to show the latest Wordpress posts or a category in your app, you can add a Wordpress item to the menu. You can use the following values for your configuration:

As first parameter enter the url to your Wordpress blog (starting with http:// not ending with a slash) to use the JSON API (https://wordpress.org/plugins/json-rest-api/) <u>or</u> enter the Blog ID or name of your blog (as established in the previous step of the entation) to use the Jetpack (https://jetpack.com/support/json-api/)/Wordpress REST API

(https://developer.wordpress.com/docs/api/); The second parameter is a category slug (which you can leave empty for all posts combined). The last and third parameter is optional, and this is a Disqus formatted string.

If you use Wordpress.com or JetPack Plugin, for example *https://en.blog.wordpress.com*, you can use the following code to show the category 'events':

```
1  "en.blog.wordpress.com", "events"                                                              ?
```

If we would like to show all posts from the category 'food' from *https://someblog.com* that has the JSON API Plugin installed to the Wordpress installation at main domain:

```
1  "http://someblog.com", "food"                                                                  ?
```

If we would like to show all recent posts from *https://myblog.com* that has the JSON API plugin installed to the Wordpress installation at the subdirectory blog, and we would like to use Disqus for comments:

```
1  "http://myblog.com/blog", "", "http://myblog.disqus.com/;myblog;%d http://www.myblog.com/?  ?
   p=%d"
```

Notice how the disqus formatted string is formatted like: *disqus url;shortname;identifier pattern*. Where the post ID in the identifier pattern is replaced with *%d*. This information can usually be found in the source code of a webpage that embeds disqus comments.

Adding a Youtube item

If you would like to show a Youtube playlist in your app, you can add a Youtube item the the menu. You can use the following values for your configuration:

> Respectively: the playlist ID of the Youtube Playlist you would like to display; and optionally a Youtube Channel ID if you would like to enable search on your channel.

For example, if we would like to show the Youtube Playlist UU7V6hW6xqPAiUfataAZZtWA which is available on the channel UC7V6hW6xqPAiUfataAZZtWA:

```
1  "UU7V6hW6xqPAiUfataAZZtWA","UC7V6hW6xqPAiUfataAZZtWA"                                           ?
```

Do you want to show your Channel, and not just a playlist? We made a small guide (/support/documentation/raw/youtube_setup.html) on how to find your ChannelId and the Playlist ID of your channel.

Adding a RSS item

If you would like to display an RSS feed in your app, you can use the following value:

> Your RSS url

For example, if we would like to show the following RSS feed; https://googleblog.blogspot.nl/atom.xml (https://googleblog.blogspot.nl/atom.xml)we can use:

```
1  "https://googleblog.blogspot.nl/atom.xml"                                                      ?
```

Adding a Facebook item

If you would like to show a list of Facebook posts of a Facebook page you can use the following value:

> The Facebook ID of the page you would like to display. You can find your Facebook ID using a site like this (http://findmyfacebookid.com/), this (http://findfacebookid.com/) or this (https://lookup-id.com/).

For example, if we would like to show the posts of ID 104958162837:

```
1  "104958162837"                                                                                 ?
```

Adding a Instagram item

If you would like to show a list of your Instagram post, you can use the following value:

> The Instagram user ID of the user you would like to display. A way to find the user ID is described in this post (/support/documentation/../community/index.php?action=artikel&cat=2&id=67&artlang=en).

For example, if we had the user ID 1067259270:

```
1   "1067259270"
```

Adding a Twitter item

If you would like to show a list of tweets in your app, you can use the following value:

> You can use the username of a user you would like to display tweets from <u>or</u> display the results of a search query or hastag by putting *?* in front of your query. For example, using *android* as parameter will result in the tweets that the account with username *android* has posted, but using *?android* as parameter will result in all search results for *android*. Similarly you can use *?#android* to display all the results for *#android*.

For example, if we would like to show the tweets of user Android:

```
1   "Android"
```

Adding a WebView item

If you would like to show a web page inside your app, you can use the following value:

> The url of the webpage/site you would like to display.

For example, to show google.com in our app:

```
1   "http://www.google.com"
```

Adding a Tumblr item

If you would like to show the images of a Tumblr user in your app, you can use the following value:

> The username of the user you would like to display.

For example, if we would like to show the images of the user androidbackground:

```
1   "androidbackgrounds"
```

Adding a Radio item

If you would like to let your users play a Radio station from within your app, you can use the following value:

> The url to the stream

For example, if we have the ShoutCast stream http://yp.shoutcast.com/sbin/tunein-station.m3u?id=709809:

```
1   "http://yp.shoutcast.com/sbin/tunein-station.m3u?id=709809"
```

Adding a TV/Video Stream item

If you would like to let your users watch a live video stream or video from within your app, you can use the following value:

> The url to the stream

For example, if we have the Video stream http://149.255.152.110/discovery/index.m3u8:

```
1   "http://149.255.152.110/discovery/index.m3u8"
```

Adding a SoundCloud item

If you would like to play tracks of a SoundCloud user in your app, you can use the following value:

> Sound Cloud user/playlist ID. You can use a tool like this (http://timpietrusky.github.io/what-is-my-soundcloud-user-id/) or this (https://helgesverre.com/soundcloud/) to find the User ID.

The type of ID you've entered as first parameter. Use "user" for a user ID, "playlist" for a playlist ID.

For example, if we have the user ID 13568105:

```
1   "13568105", "user"                                                                          ?
```

Adding a Pinterest item

If you would like to show a Pinterest board in your app, you can use the following value:

Board ID. You can use a tool like this (https://www.nutt.net/how-do-i-get-pinterest-board-id/) or this (http://pinterestboardid.com) to find the ID.

For example, if we have the user ID 515451188540423446:

```
1   "13568105"                                                                                  ?
```

Adding a Maps item

If you would like to display a map in your app, either of a single predefined location or of nearby search results, you can use the following values:

If you would like to display nearby results for place types (https://developers.google.com/places/supported_types) you can simply enter the place type as single parameter. If you would like to display a single pin on the map you can use the following parameters: HTML description of the location, title of the pin, body of the pin, latitude, longitude, zoom level.

For example, if we would like to display the location of our company named 'Company' with the description 'This is where our office is' at lat -33.864 and lon 151.206 with zoom level 13 and a nice HTML description:

```
1   "<b>Adress:</b><br>SomeStreet 5<br>Sydney, Australia",                                      ?
2                        "Company",
3                        "This is where our office is.",
4                        "-33.864",
5                        "151.206",
6                        "13"}));
```

Adding an Overview item (or 'Category Screen')

You can add an Overview/Category screen to your app with multiple so called 'overview items', these items are very similar to tab items. The content of an overview item/screen is defined in a individual json file, which you can create here (/support/documentation/universal_configurator/overview.php). Each overview item has a title, represent a content provider, and requires parameters (you can use content providers and parameters as stated in this chapter) in addition, you can specify an image url for an image to show for the overview item. You can either host your configuration online, or locally in your app (more information on this will be in the next step).

The first parameter should either be the url to your overview's json (if stored online) or the file name of the overview's json file (if stored locally, in assets).

For example, if we would like to load an overview configuration based on the file MyOverView.json stored in 'assets':

```
1   "MyOverView.json"                                                                           ?
```

If we would like to load an overview configuration stored on *http://blog.com/overview.json,* we can use the following parameter:

```
1   "http://blog.com/overview.json"                                                             ?
```

Adding a Custom Intent item (Advanced)

If you would like to perform a custom action from the menu, you can add a Custom Intent to your menu to launch an app or url. A Custom Intent item must be the only tab of a menu item (any other tabs of the parent menu item will be ignored). You can use the following parameters:

> The first parameter is the package name of the app to launch, the URL to open (this can be any any URL suitable for ACTION_VIEW and it will automatically be opened in the appropriate app) or the class of the Activity to open;
> The second parameter is the type of intent this is, you can either use "url", "app" or "activity".

For example, if we would like to open the Dialer with phone number 123456:

```
1    "tel:123456", "app"                                                                                      ?
```