Content

Your app's menu, and the content shown for your menu items, is defined in a configuration file. The first step of creating your app is to create configuration file, and this document will guide you through the steps needed to do this.

1. First, open the configuration tool, which you can use to create configuration files, using the button below.

   VISIT CONFIGURATOR (/HELP/CONFIGURATOR/)

   What if I don't want to use the online configurator?
   You can also manually create your Configuration files following the JSON Schema files that are included in your download. However, this is not recommended if you are not familiar with JSON Schema's.

2. By default, a new blank configuration will be loaded for you with 1 menu item.*If you want to load an existing (example) configuration, press the 'import' button, and import the placeholder config.json file inside your template.*

3. Enter a title for your menu item. When you have multiple menu items, users will be able to select an item in the menu drawer based on this title.

4. Under the 'Tabs' header you will see a list of tabs for your menu item. Each tab has a dropdown that allows you to select the content provider for this tab, for example, WordPress, RSS, etc. Select a content provider for your tab in the list, and (optionally) provide a title for your tab.*By default, there is only one tab, however you can add multiple tabs if you want to show more content under 1 menu item. You do not need to add any additional tabs if you would not like your user to see any tabs.*

5. Depending on the content provider you have selected, you will need to enter one or more parameters that point to your content. The section below on providers and parameters below describes exactly which parameters you should enter depending on your content provider.

6. After you finished your tab, you can add more tabs and menu items as you need. Learn about all possible configuration options in the section below.

7. After you're done creating your configuration, download the configuration file and continue to the next step in the documentation.

Configuration options

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

The following parameters are required for menu items:

- Title; *This is mandatory,* its the name of the menu item.
- Drawable (icon); *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 (https://sherdle.com/help/adding-icons-to-your-app/).
- Submenu schema; *This is optional*, section in your menu to show this menu item in, together with all other menu items with the same submenu schema (menu items in the same section 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 an optional icon (for the bottom tab bar). The value should be the name of the drawable icon in your app.
  - 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 (https://sherdle.com/help/how-to-enter-parameters/) are "quoted" and comma separated. *Select a content provider to reveal its details.*

WORDPRESS

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. Ensure your site has an API enabled as documented earlier (https://sherdle.com/help/preparation/#ipt_kb_toc_228_1). Now follow the instructions depending on if you are using the JetPack / WordPress.com API or the WP REST API.

JetPack API or WordPress.com

You can use the following values for your configuration:

> The first parameter is your Blog ID or name of your blog (as established earlier). 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.

For example for the WordPress.com blog at *https://en.blog.wordpress.com*, you can use the following code to show the category 'events':

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

If we would like to show all recent posts from *https://someblog.com* that has JetPack installed with Blog ID 1234, we could use the following configuration:

```
"1234", ""
```

WordPress REST API

You can use the following values for your configuration:

> The first parameter is the path to your WP REST API. The second parameter is a Category ID (which you can leave empty for all posts combined). The last and third parameter is optional, and this is a Disqus formatted string.

For example for the WordPress.org blog at https://wordpress.org/news/, you can use the following code to show the posts from category 14 :

```
"https://wordpress.org/news/wp-json/wp/v2/", "14"
```

YOUTUBE

If you would like to show a Youtube Playlist, a Channel or live streams from a Channel in your app, you can add a Youtube item the the menu.

You can use the following values for your configuration:

The first parameter is either a playlist ID or a Channel ID. The second parameter is the type of list, for Playlist ID this is *playlist* for a channel this is either *channel* to show all videos of the channel, or *live* to show all live streams of the channel. The third parameter is your API key, learn how to create an API key here (https://sherdle.com/help/youtube-api-key/).

For example, if we would like to show the Youtube Playlist *UU7V6hW6xqPAiUfataAZZtWA* with API key *AIzaSyBff7EnofVI0z6Yq9pqXQ–ZNXpuzlZrYN*:

```
"UU7V6hW6xqPAiUfataAZZtWA","playlist","AIzaSyBff7EnofVI0z6Yq9pqXQ–ZNXpuzlZrYN"
```

Don't know your ChannelID or Playlist ID? We made a guide (https://sherdle.com/help/youtube-channel-id/) on how to find your ChannelId and the Playlist ID of your channel.

VIMEO

If you would like to show a Vimeo album, or videos from a Vimeo user in your app, you can add a Vimeo item the the menu.

You can use the following values for your configuration:

The first parameter is either an album ID (i.e. a showcase is an album) or a vimeo username. The second parameter is the type of list, for Album ID this is *album* for a user this is *user* to show all videos of the user.

For example, if we would like to show videos from the vimeo user *insolenceproductions*.

```
"insolenceproductions","user"
```

RSS

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; *http://www.rss-specifications.com/blog-feed.xml* we can use:

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

FACEBOOK

If you would like to show a list of Facebook posts from your 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://findfacebookid.com/) or this (https://lookup-id.com/). The second parameter is your access token, learn how to create an access token here (https://sherdle.com/help/facebook-graph-api/).

For example, if we would like to show the posts of a page with ID *104958162837* with access token *XYZ*:

```
"104958162837", "XYZ"
```

INSTAGRAM

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

> The Instagram Business ID of the feed you would like to display. Learn more about where to find your Business ID here (https://sherdle.com/help/instagram-business-graph-api/). The second parameter is your access token, learn how to create an access token here (https://sherdle.com/help/instagram-business-graph-api/).

For example, if we have the Business ID *12345* with access token *XYZ*:

```
"12345", "XYZ"
```

TWITTER

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 or 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*:

```
"Android"
```

WEBVIEW

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:

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

TUMBLR

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*:

```
"androidbackgrounds"
```

FLICKR

If you would like to show the images of a Flickr gallery or album in your app, you can use the following values:

> The first parameter is the ID of the gallery/album you'd like to show. The second parameter is the type of ID you entered as first parameter, either "gallery" for a gallery ID or "photoset" for albums (or other photosets).

For example, if we would like to show the images of the album with id *12345*:

```
"12345", "photoset"
```

RADIO

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*:

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

TV/STREAM

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*:

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

SOUNDCLOUD

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

> As first parameter: the 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. As second parameter: the type of ID you've entered as first parameter, use "user" for a user ID and "playlist" for a playlist ID.

For example, if we have the user ID *13568105*:

```
"13568105", "user"
```

WORDPRESS AUDIO/IMAGES/VIDEO

If you would like to display music , images or videos hosted on your WordPress site in Universal, you can use the dedicated WordPress Audio, Image and Video content provider.

For each video, image or video that you would like to show in your app, create a new post and embed the audio file or video, for images, simply set the featured image (you can set a featured image for audio / video as well as thumbnail). *Ensure that the media is properly attached to the post by making an API request for the post or using an attachment manager (https://nl.wordpress.org/plugins/wp-better-attachments/#installation).*

You can use the same parameters as a normal WordPress Item. So the first parameter is your WordPress API url or identifier, and the second parameter is a category to load posts with the attachment from (or leave the second parameter empty to load posts from all categories).

PINTEREST

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 Board ID *515451188540423446*:

```
"515451188540423446"
```

WOOCOMMERCE

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

As first parameter the Category ID if you would like to show a category, the string "orders" if you would like to show the users orders, or the string "home" if you want to show a store homepage. You can leave the first parameter value empty if you would like to show products from all categories. As optional second parameter enter a url to a hosted header image. For the store homepage, you can also enter a third parameter with a url to a hosted header image. (*Note that for the store homepage, the first header image will open a list of featured products and the second a list of on-sale products, this can be changed in RestAPI.java*).

For example, if we would like to show all products in Category 2.

```
"2"
```

We'll define the WooCommerce host in the next step of the documentation.

MAPS

If you would like to display a map in your app, either of a single location or of a set of locations or location data, you need to compose a GeoJSON file. You can use a site like geojson.io (http://geojson.io) or this tool from Google (https://google-developers.appspot.com/maps/documentation/utils/geojson/) to create your GeoJSON file. You can use the following parameters to refer to your GeoJSON.

You can add the GeoJSON file to your projects assets folder and enter the name of this file as parameter, or you can host your GeoJSON file online and enter the url to your GeoJSON as parameter.

For example, if we would like to would like to load the *GeoJSON_Sample.geojson* file in our assets folder, we can enter the following parameter:

```
"GeoJSON_Sample.geojson"
```

Among others, we support the following GeoJSON properties you can add to your features: *name, snippet, url*

OVERVIEW / CATEGORY

You can add an Overview/Category screen to your app with multiple so called 'overview items', these items can be used like any other content provider.

The content of an overview item/screen is defined in a individual json file, which you can create using the configurator (https://sherdle.com/help/configurator/) (select "overview" in the dropdown). 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':

```
"MyOverView.json"
```

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

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

CUSTOM INTENT (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), the package name of the app you'd like to open or the class of the Activity/Fragment to open; The second parameter is the type of intent this is, use "app" for package names, "activity" for Activity's within your app, "fragment" for Fragments within your app and "url" for anything else.

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

```
"tel:123456", "url"
```

For example, if we would like to open the Fragment *MyFragment* we added to the template in the *com.sherdle.universal.other* package:

```
"com.sherdle.universal.other.MyFragment", "fragment"
```

Important: http: tel: sms: mailto: market: whatsapp: etc are all of type 'url'.

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Categories

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