Preparation (/support/documentation/index.php/universal/2-preparation)

Software

In order to start developing, you need to install Android Studio. You also need the 'Java SE Development Kit'.

First, download Android Studio here (https://developer.android.com/studio/index.html). Next, you will be redirected to the installation instructions (https://developer.android.com/studio/install.html) which provides instructions on Installing Studio, and a download for the JDK (http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html).

SDK manager

The installer, as also shown in the video, should automatically download all required components.

If you do a manual setup, download at least the following components using the SDK manager:

- *SDK Tools*
- *SDK Platform Tools*
- *SDK Build Tools*
- *Google Play Services*
- *Android Support Library*
- *Android Support Repository*
- *Google Repository*
- *Google USB Driver*

In order to use the template, you need the template's default SDK version, which is Marshmallow at the time of writing.

You can download this SDK, if it is not installed already, using the SDK Manager. (https://developer.android.com/studio/intro/update.html#sdk-manager)

Preparing your Wordpress Blog for Universal

If you would like to show a Wordpress Blog in your app, you need to either install the JSON API plugin or use the Wordpress REST API.

Rest API

The Rest API is offered for Wordpress.com blogs by default, but it can also be used by self-hosted Wordpress blog that have the JetPack plugin (https://wordpress.org/plugins/jetpack/) installed. Make sure that you site is accessible over the REST API by visiting https://public-api.wordpress.com/rest/v1/sites/YOURBLOG

Where YOURBLOG can be your Blog's ID (e.g. 3584907) or you blogs domain without http (e.g. www.artifacting.com (http://www.artifacting.com) or en.blog.wordpress.com).

JSON API

If you have a self-hosted blog and you do not want to use Jetpack, you can use the JSON-API plugin as well.

1. First you will need to download the plugin, preferably the tested version, which is 1.1.1 at http://wordpress.org/plugins/json-api/developers/ (http://wordpress.org/plugins/json-api/developers/).
2. Upload the `json-api` folder to the `/wp-content/plugins/` directory or install directly through the plugin installer.
3. Activate the plugin through the 'Plugins' menu in WordPress or by using the link provided by the plugin installer.
4. Enable user-friendly URLs from Settings > Permalinks, use the "Day and name" format.
5. Determine your API url and use it for the Wordpress items, it will most likely be something like: "yourblogurl.com/api/".