

FlowCentral Technologies

Studio User-Guide

# Code Generation Extension Files

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# 1. Revision History

VERSION	DESCRIPTION	REVISED BY	DATE
1.0	- Initial Draft	Ayomide Sowande	01-10-2024

## 2. Purpose

The purpose of this user guide is to explain in detail the Code generation tool in the FlowCentral Studio.

## 3. Code Generation

Code generation is a mechanism where a compiler takes the source code as an input and converts it into machine code. It refers to the process of automatically producing source code or machine code from a higher-level representation, such as a specification, model, or another programming language. This process is often used in software development to automate the creation of repetitive or boilerplate code, improve productivity, and reduce the likelihood of errors.

### 3.1 Generate Module Static Files (Extension)

Module Static files refer to files associated with a software module that are served statically. Generating an extension file on the studio allows a user to generate a zip file that contains extension classes for development.

To generate an extension file,

- 1. Expand Code generation:**  
On the side bar that displays the studio components, click on code generation to expand code generation.
- 2. Click on Generate Module Static Files (Extension):**  
Select this option to download the file that contains the extension classes.
- 3. Click on Generate:**  
This action allows the system to generate a zip file that contains extension classes for development.
- 4. Go to your downloads to access the downloaded zip file:**  
To access the generated extension file, go to downloaded files on your PC.

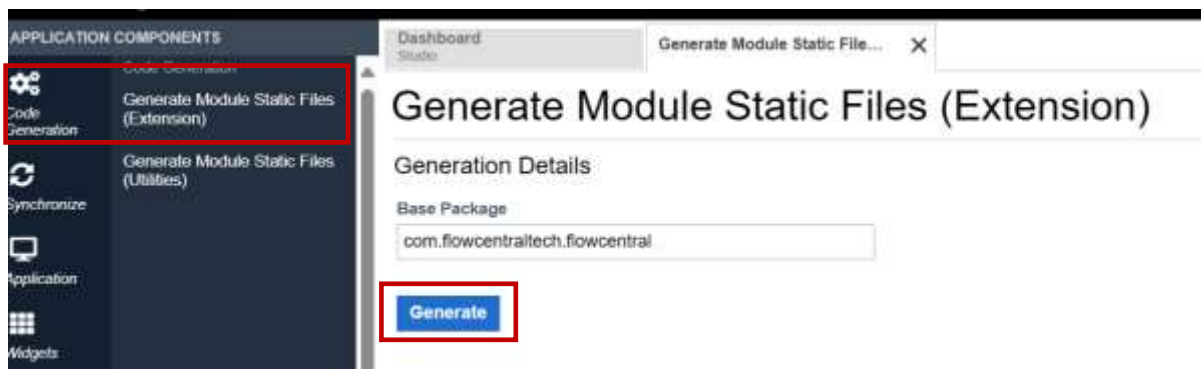


Figure 3.1 Code Generation (Extension Files)

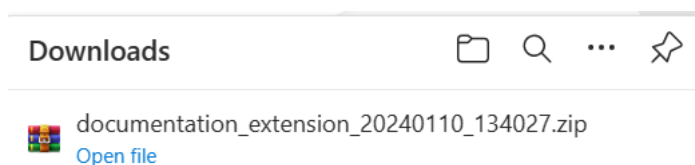


Figure 3.1 Zip File