

# Runnable Info Extractor - Installation & Usage Guide

Version 1.0.1

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## 1. Introduction

Runnable Info Extractor is a VS Code extension that parses AUTOSAR Runnables documentation blocks and exports them to a structured Excel spreadsheet.

## 2. Prerequisites

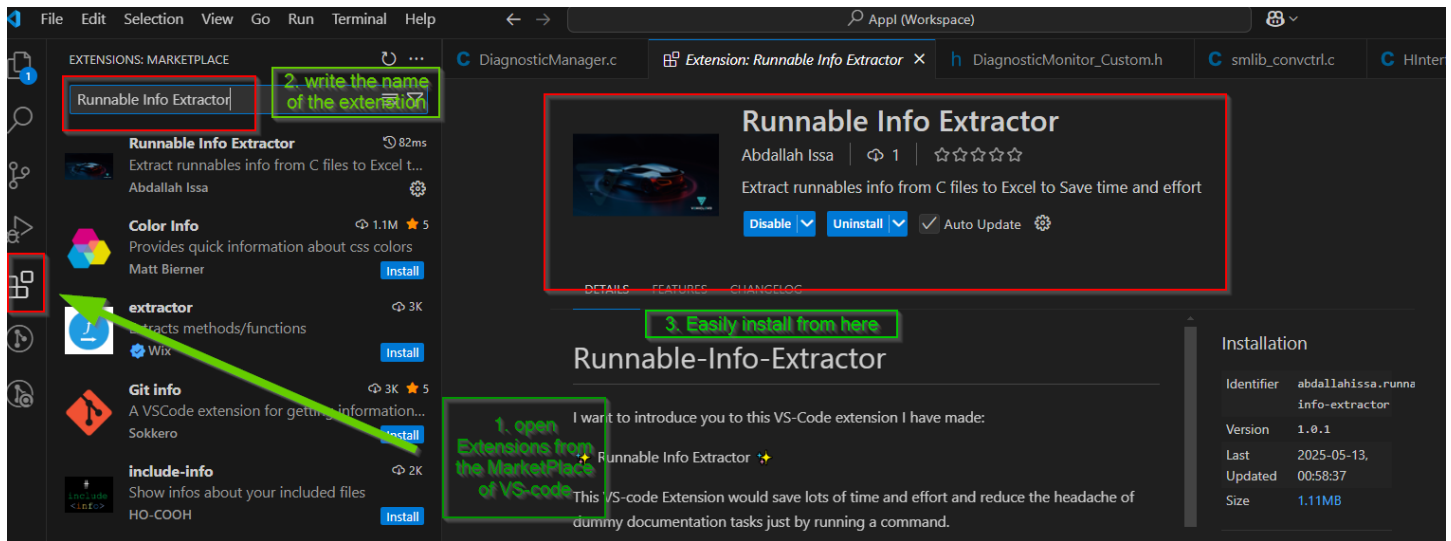
- VS Code installed for sure
- **Important step:** Generate a Template for all the SWCs you want to use the Extension with. This will ensure that every trigger, Input, output, or invoked operation is up to date with the current code implementation.

## 3. Installation

- Clone the extension repo from GitHub:

<https://github.com/AbdallahIssa/Runnable-Info-Extractor>

or you can easily install it directly from VS-code:



## 4. Usage

- Open a C source file containing AUTOSAR runnable documentation blocks.
- Press Ctrl+Shift+P and type "Runnable Info Extractor".
- Select the command and choose a save location (default: <SWC-Name>.xlsx).
- The Excel file will include columns for Function Name, Trigger(s), Inputs, Outputs, and Invoked Operations.

## 5. Customization

for the sake of sharing the ideas and making it an incremental project that will benefit everyone,

**The editing and customization MUST BE REVIEWED with Abdallah Issa First, or your PR must be made on GIT.**

- To add or remove columns, edit src/extension.ts and adjust the parsing logic.
- To change the worksheet name, modify writeExcel()'s sheetName argument.
- For styling tweaks, update the ExcelJS cell style settings in writeExcel().

## 6. Support

For issues or feature requests, please open an issue on GitHub:

<https://github.com/AbdallahIssa/Runnable-Info-Extractor/issues>

Or contact Abdallah at <https://www.linkedin.com/in/abdallaissa/>.