

## SOFL-ASMAT — Tool Quickstart

Welcome! This guide helps you install **SOFL-ASMAT (Automated Software Maintainability Assessment Tool for SOFL Specifications)** and run your first analysis in a few minutes.

### 1) Installation

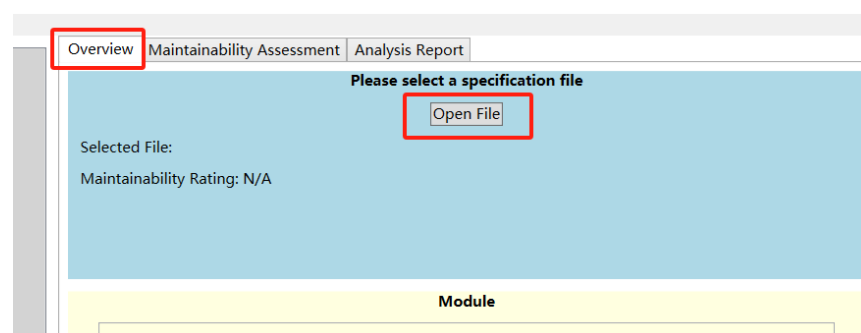
1. Download the installer package and ensure the folder structure is intact:
    - Keep the **`SOFL-ASMAT/`** directory exactly as provided.
    - Do not rename, move, or delete files inside **`SOFL-ASMAT/`** after installation.
  2. Double-click **`setup.exe`** and follow the on-screen instructions.
  3. After installation, run the tool by double-clicking **`MaintainabilityDemo`** inside the original **`SOFL-ASMAT`** source folder.
- > **Important:** Do not change the paths of any files inside the **`SOFL-ASMAT`** folder. The application expects these resources at fixed locations.

### 2) First Run: Basic Workflow

#### Step A: Open a Specification

1. Go to the **Overview** page.
2. Click **Open File**.
3. Select a SOFL specification file and confirm.

Tip: The installation package includes a sample **`Case`** file inside the **`SOFL-ASMAT`** folder. You can use this bundled case for a quick trial run.



The Overview page shows a high-level summary once the file is loaded.

## Step B: Explore Core Functionalities

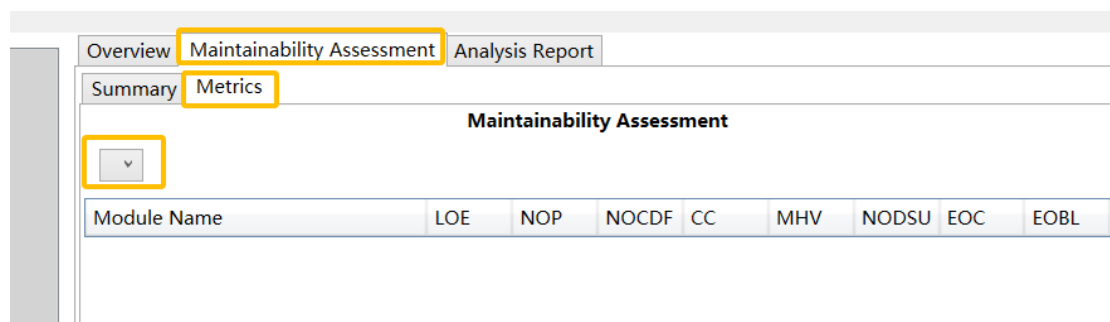
### - Overview

View the global structure of the SOFL specification and basic metadata.

### - Maintainability Assessment

- **Summary:** See the overall maintainability profile created by the tool's rating rules.

- **Metrics:** Inspect per-module results for the eight metrics. Use the module selector to switch modules and view details.

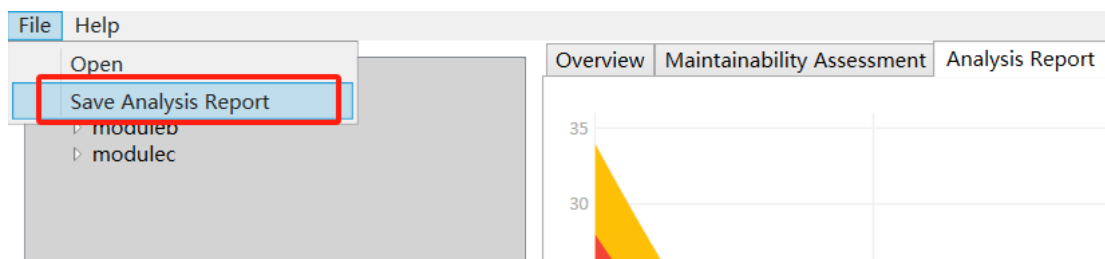


### - Analysis Report

Visualize metric distributions and maintainability ratings with charts useful for inspection and communication.

## Step C: Save Results

- Go to **File** → **Save Analysis Table** to export the analysis tables.



For more details about SOFL-ASMAT's design, metrics, and rating methodology, please refer to our paper.