

# 汽車開放系統架構 ARXML 轉 OIL 解析器

## ARXML to OIL parser for AUTOSAR

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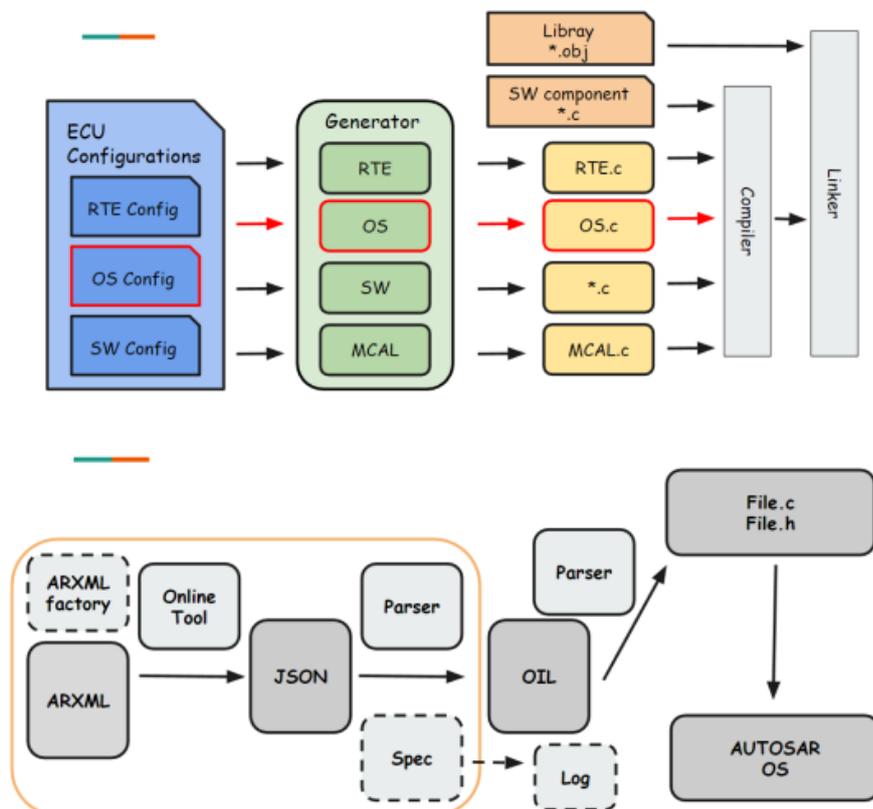
開發工具：Python 3.10.0

測試環境：Windows 11

### 一、簡介：

1. Embedded systems are extensively used in the automotive electronics industry, and the related software design making a certain standard, which is AUTOSAR
2. ARXML is a XML file for AUTOSAR configuration files
3. This topic is based on the existing AUTOSAR-based automotive embedded work, to implement an AUTOSAR OS system by AUTOSAR protocol 21-11

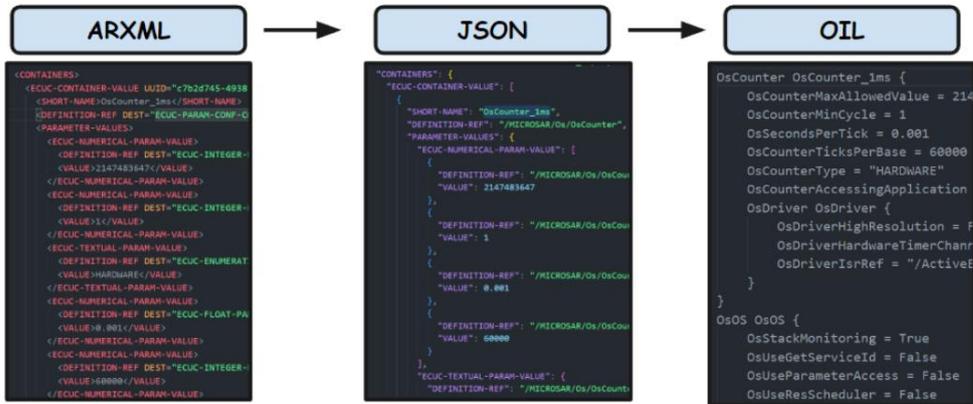
以下為系統架構圖：



## 二、測試結果：

ARXML -> JSON -> OIL + Log

Spec -> JSON



- Maybe the input file in different version spec
- We use log to record the filtered data
- We can adjust the input file if we need

圖二：系統執行畫面

