

# BtcTransacGen Technical Specification

April 2024

## 1 Development Environment

Table 1: Development Environment

Operating System	IDE	Java JDK	Maven	Docker	Weka	Bitcoin Core
Windows 11	IntelliJ IDEA 2023	22	3.9.6	25.0.3	3.8.6	25.0

## 2 Supported Environment

The BtcTrancGen Weka extension has been tested and is supported on the following environment :

- **Operating System** : Windows 11, Windows 10, Ubuntu 22.04, Ubuntu 20.04, Kali 2023.3
- **Java JDK** : JDK 22, JDK 17
- **Maven** : Maven 3.9.6, Maven 3.8.6
- **Docker** : Docker Engine 25.0.3, Docker Engine 24.0.5, Docker Engine 20.10.25
- **Weka** : Weka 3.8.6
- **Bitcoin Core** : Bitcoin Core 26.1.0, Bitcoin Core 25.0.0

## 3 Docker Container

The BtcTransacGen extension for Weka is compiled and build within a Docker container.

The container uses **Ubuntu 20.04** and **Bitcoin Core 25.0.0**.