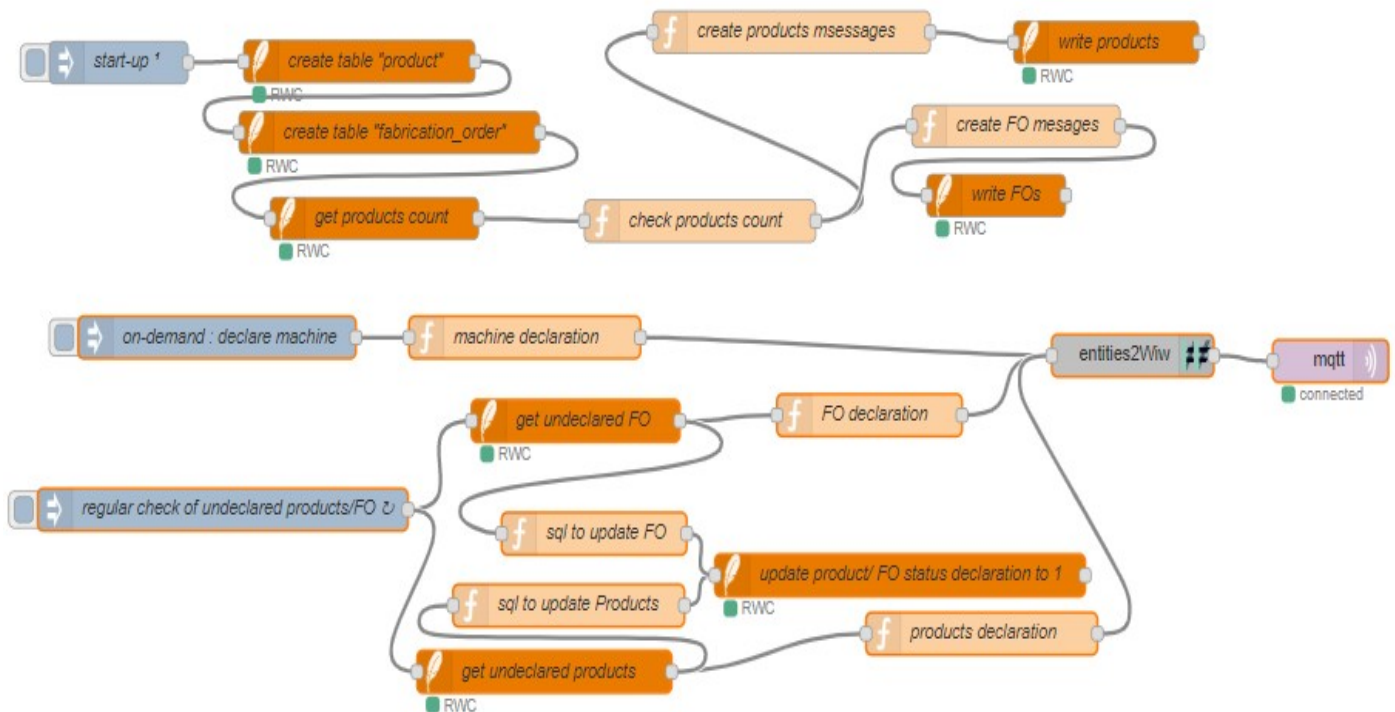# Introduction

This document explains how to use *entities2Wiw* node.

entities2Wiw allows to declare entities onto *What Is What*.

The flow

Third party dependencies

A *Mqtt broke*r must be running. See *mqttBroker* document for more information.

In this example we use the database to simulate for example an *ERP*.

This example relies on an included database. To handle the database access, dedicated nodes are needed. Node-red-contrib-sqlite is used and must be installed. The database file will be automatically created into your *Node-RED* personal folder.

Explanation

This flow demonstrates how to use *entities2Wiw* to declare news entities onto *What Is What*.

First line

The first line is setup to start 1 second after *Node-RED* start. It creates and fills a database with products and fabrication orders (FO).

Second Line

The first *inject* node declares a machine by creating the required *Javascript* object. This could also be loaded from a file, … (not in this example).

The second *inject* node checks every 2 seconds if there are undeclared products or FO into the database. New products or FOs are then declared onto *What Is What*.

Note

Please make sure to use the right *Mqtt* broker settings in the *Mqtt* client setup.