



# Eclipse Decentralized Marketplaces

## Background

[IOTA](#) is an open-source distributed ledger built with the Internet of Things in mind. It can be leveraged for a number of purposes, including feeless microtransactions and messaging with data integrity.

The industry marketplace ([industrymarketplace.net](http://industrymarketplace.net)) was developed as a demo marketplace for the IOTA network, to show how a vendor and industry-neutral platform can be used to automate the trading of physical and digital goods and services.

## Scope

Eclipse Decentralized Marketplaces is a toolkit to support the development of industry and problem-specific decentralized marketplaces on IOTA. The codebase of the industry marketplace ([industrymarketplace.net](http://industrymarketplace.net)) can be used as a foundation

The IOTA client libraries (e.g. <https://docs.iota.org/>) and node software (e.g. <https://github.com/iotaledger/iri>) are out of scope for this project.

## Description

Eclipse Decentralized Marketplaces is a starting point for developing decentralized marketplaces on the IOTA network. While the initial implementation is in Node.js, other programming languages can be used as long as there is a corresponding IOTA client library available.

## Why Here?

This project provides a foundation for developers to build decentralized marketplaces on the IOTA network, allowing them to prototype concepts and explore new decentralized business models. The governance framework and guidance of the Eclipse Foundation will help to ensure that development meets the requirements of the wider community.

## Licenses

Apache License, Version 2.0

## Project Scheduling

The initial contribution is already available and next steps and priorities will be discussed within the project taskforce.

## Project Leads

Alexey Sobolev  
Alex Westerhof  
Jan Pauseback  
Lisa Schneider

## Committers

Alexey Sobolev  
Jelle Millenaar  
Lisa Schneider

## Initial Contribution

Apache, Version 2.0

## Project Scheduling

The application consists of the backend NodeJS script and local SQLite3 database. The application can be configured and managed using built-in scripts and API endpoints. The entry point to the Industry Marketplace is the MarketManager. This is a NodeJS application that can run locally or be deployed to a cloud instance. For a more detailed technical documentation please take a look at: [https://github.com/iotaledger/industry-marketplace/blob/master/Industry\\_Marketplace\\_Technical\\_Documentation.pdf](https://github.com/iotaledger/industry-marketplace/blob/master/Industry_Marketplace_Technical_Documentation.pdf)

Intellectual Property currently lies with the IOTA Foundation, licensed under Apache 2.0.

## Source Repository Type

[GitHub](#)

## Source Repositories

<https://github.com/iotaledger/industry-marketplace>

