![Mondragon Unibertsitatea - Faculty of Engineering]

Arrowhead integration with Node-RED

In order to make easier for Node-RED users to connect with Arrowhead infraestructure, node-red-contrib-arrowhead module has been developed.

Motivation

The idea behind is to make Arrowhead Framework extensible to other tools.

A module that organizes different Arrowhead Framework parts can help us developing faster and more reliable flows in Node-RED.

Nodes

- ah system
- ah core service
- ah authinfo
- ah service registration
- ah service discoverer
- ah token validator
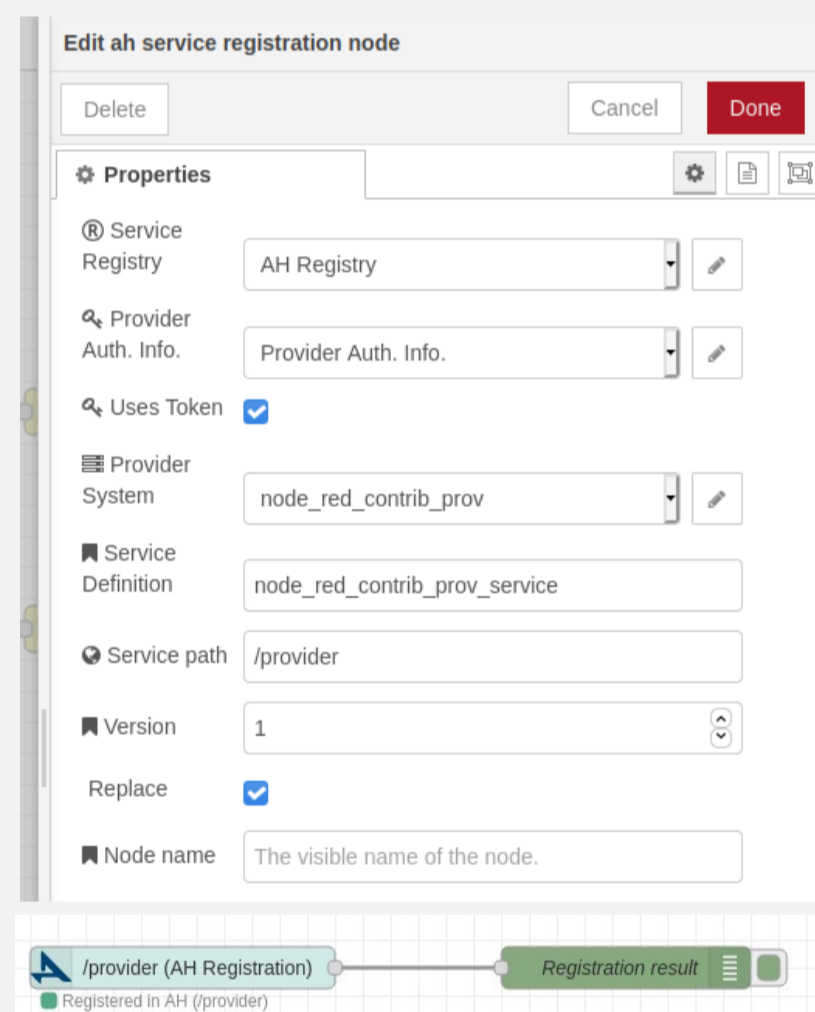
Configuration nodes

For reusing Arrowhead Systems, Core Service and Auth. information data among the different nodes.
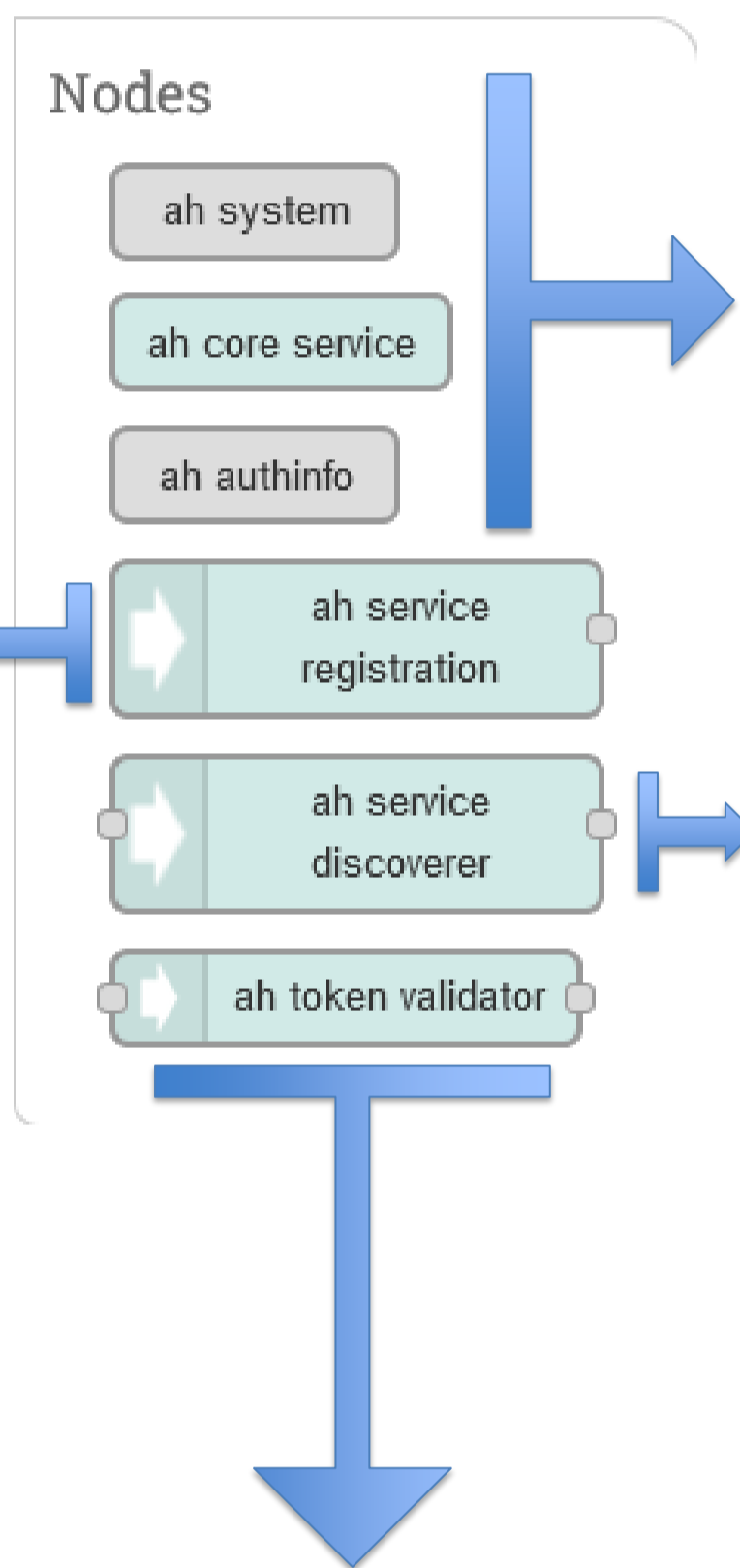
Reduces the need of rewriting code.

Reduces human mistakes.

Service Registration
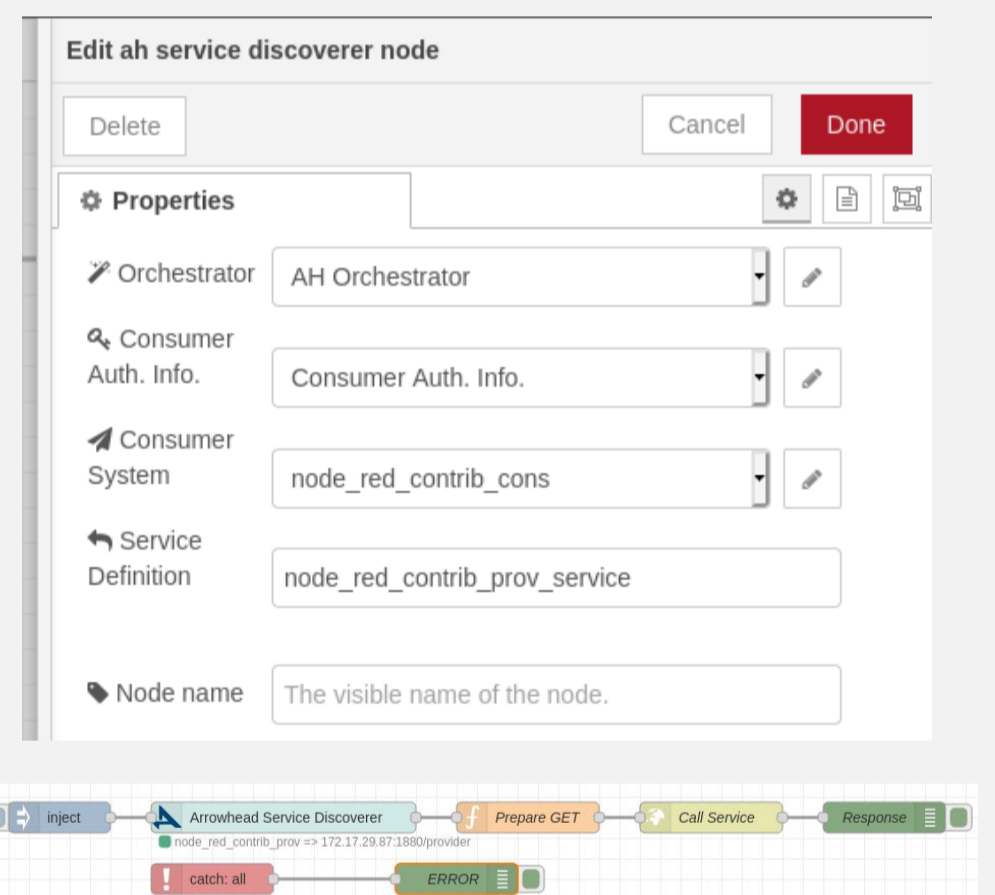
Allows registering endpoints in Arrowhead

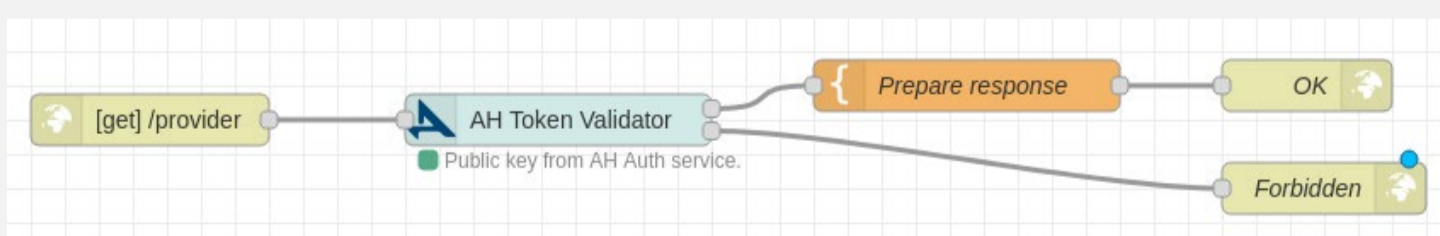Edit ah service registration node

Service discoverer

Allows searching resgistered services in Arrowhead.

Edit ah service discoverer node

Token validator

Enables checking if a request has been validated by Arrowhead.

Edit ah token validator node
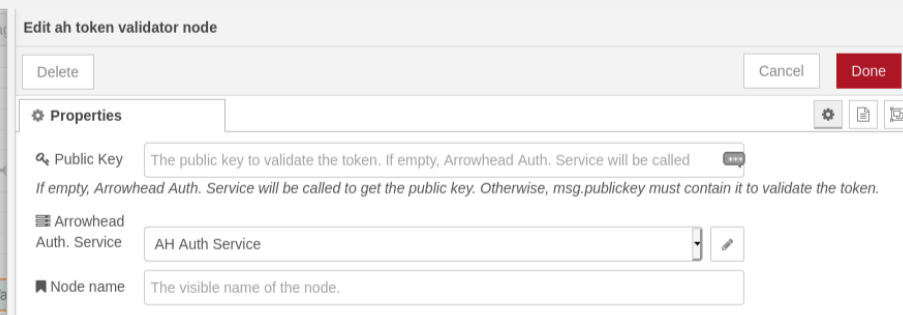
Alain Pérez Riaño
aperez@mondragon.edu
Goiru 2, 20500 Arrasate-Mondragon
Spain

Felix Larrinaga Barrenetxea
flarrinaga@mondragon.edu
Goiru 2, 20500 Arrasate-Mondragon
Spain

![Arrowhead Tools logo] ![Node-RED logo]