Registration to an event by a consumer

Following the availability of a set of events, a consumer may be interested in acquiring the data for their own means and further processing/exploitation. In order to do that they must undergo through the following set of steps:

- Check and filter offered events from website via the offered parameters (Figure 1)
- Register for an event (and pay if it is not given away for free) (Figure 2)
- Credentials for accessing the Messaging system (AMQP protocol) will be sent via email along with the endpoint
- Use and configure provided Node-RED flows or Java clients for consuming data from the respective endpoint (https://github.com/COSMOSFP7/Eventflows-Marketplace/tree/master/NodeRED_Clients) (Figure 3)

Especially for the latter step, configuration is also needed (as was the case in the Producer flow) in terms of credentials for the specific user and endpoint. Furthermore, a manual trigger for starting and stopping data acquisition is available as well as detailed README files inside the flow.
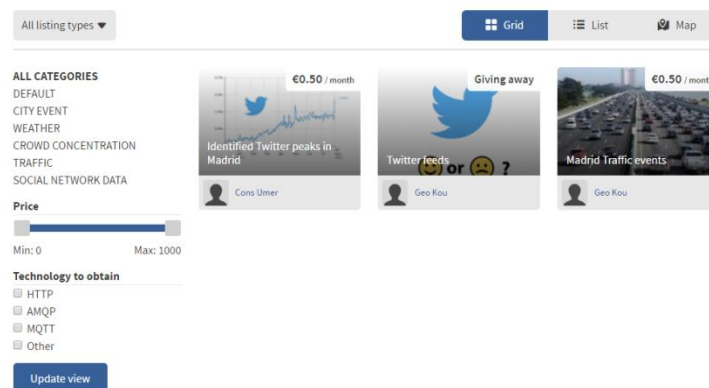

Figure 1: Events filtering on Marketplace
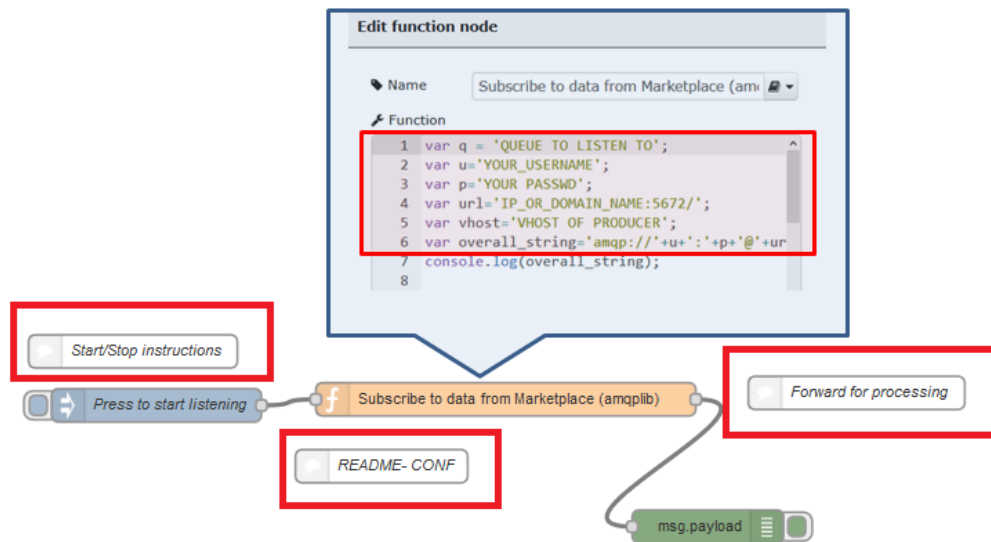
Figure 2: Event registration for consumers via the marketplace

Figure 3: Consumer data acquisition flow