**Makers-unite design doc**

**Purpose:**

Social Network for makers to share and sell their projects, find maker spaces and connect with one another.

**Server Infrastructure:**

* Database
  + OrientDb Graph – The makers-unite app
  + OrientDb Document – Session storage
* Makers-unite Server
  + Node.js
    - Express
    - Swagger-ui
    - Passport
      * Strategy: passport-local
  + Docker
    - Images
      * Makers-unite – Uses the below images
      * Node – A node.js environment
      * orientdb – An OrientDb instance
    - Containers
      * orientdb – The orient db instance
        + orientdb image
        + Volumes (image path 🡪 local path)

/orientdb/backup 🡪 <proj-dir>/server/orientdb/backup

/orientdb/databases 🡪 <proj-dir>/server/orientdb/databases

* + - * + Ports (image 🡪 local)

2480 🡪 2480 – OrientDb Studio

2424 🡪 2424 – Db Connections

* + - * Makers-unite – The makers-unite http server
        + Nodejs image
        + Makers-unite image
        + Volumes (image path 🡪 local path)

/usr/makers-unite/server/dist 🡪 <proj-dir>/server/dist

/usr/makers-unite/server/src 🡪 <proj-dir>/server/src

* + - * + Ports (image 🡪 local)

3000 🡪 3000 – Browser access

5858 🡪 5858 – VSCode Debugging

