Audience: Developers

Purpose: To understand the system of the harness application

Docker

Sandbox

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Sandbox

Fully independent
isolated hosted game

Keycloak

Harness Client

Docker API

Harness API

Host URL
API URL

- Dynamically create docker containers based on image and environment variables
- Destroys the container after 'x' amount of time

Traefik

Database

- Dynamic Reverse Proxy
- Detects new containers and adds net config for it
- GUI for viewing alive containers

- Competitions
  - View
  - Register
- Instructions
  - Rules
  - Getting Started
  - Tutorials
  - Links to swagger/GitHub
- Sandbox
- Admin Interface
  - Manage:
    - Prizes
    - Competitions
    - Instructions
- Mobile Responsive