Ibutsu Overview

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Introduction
Server API
Workers
Frontend
Plugins & Utilities
The Future

Introduction

- Components

- Deployment

- Open Source

Server API

- Python, Connexion, Flask, OpenAPI, SQLAlchemy

- Controllers: Results, Runs, Imports, Reports, etc

- Synchronous vs Asynchronous requests

Workers

- Celery, Redis

- Long running tasks
  - Imports
  - Reports
  - Queries

Frontend

- React, JS, Patternfly 4

- Reusable Components

- Runs & Results

- Dashboards & Widgets

Plugins & Utilities

- Python API Client

- Pytest plugin

- Mocha plugin

- ibutsu-utils

The Future

- Migrate to FastAPI/SQLModel
  – No API spec maintenance
  – Beware of API changes

- Dashboards, widgets, views

- Projects, roles, users, membership requests