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# **atspad Documentation**

***Release 0.1***

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The purpose of this is to document the project for further development.



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## Project Structure

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- **atspad-ui** An angular-js webapp in front of atspad-api.
- **atspad-api** A java web application running atspad API.
- **atspad-proxy** A public docker image running nodejs/bouncy proxy server.
- **atspad-redis** A private docker image running redis for storing proxy information.
- **atspad-worker** Private docker images serving development environments for users.

### 1.1 atspad User Interface

- **Html view**
  - Code editor - Ace code editor
  - Statusbar
  - Terminal - term.js
  - File list
  - Quick action buttons
  - Other static components
- **Control logic**
  - Main controller
  - Editor controller
  - File controller
  - Statusbar controller
  - Terminal controller