

EDUARDO SANZ

PDBE

Scientific programmer for the EMDB

SUMMARY

- EMDB entry pages
- PDBe API

DESIGN PRINCIPLES

- Mobile first
- Responsiveness
- Based on RESTful API
- Fully compliant with EBI guidelines, iconography and typography

EBI DESIGN GUIDELINES

- 24 grid layout
- Responsiveness
- Based on RESTful API
- EBI guideline and iconography

EMMDB ENTRY PAGES

PDBE API

- High performance while minimalistic (Python/Bottle)
- Variety of backend sources
 - MySQL
 - Oracle
 - Flat files
- Memcache
- No authorization/throttling
- Results in JSON format
- Unversioned, new releases are backward compatible, and additive
- Benchmarked (Apache ab) and regularly tested

PDBE API

OTHER PROJECTS

ONEDEP: ANNOTATION AND DEPOSITION SERVICES

VALIDATION PIPELINE AND REPORTS

Example here