

World Crisis Database

Site: msp684.appspot.com

Group: Import Antigravity

Group Members

- Harrison He: XML Validation, Django, and Merge
- Joe Peacock: Import/Export, Documentation, and Merge
- Jerome Martinez: Datastore models, UML, Search, and Task queue
- Andy Hsu: XML Design, Django, and Debug
- Michael Pace: HTML templates, Website UI, and Search
- Justin Salazar: Web site UI, Testing, and Search

Import

- Replacement validates XML, clears the datastore, and then imports.
- Merging validates XML and occurs only when
 - The datastore has an empty field for an ID, storing the new non-empty field with the same ID.
 - Links with a different URL are found for the same ID.
 - When two different IDs have the exact same title/name.

Export

- Build a full element tree structure and print the string form of it.

Website Design/Navigation

- JQuery
 - Isotope.js
- Bootstrap
- Django
- Lightview

Search

- Ajax
- Does an AND search followed by an OR search.
- Separated in two scroll sub-windows.

Unit Tests

- Total tests: 41
- 3+ GAEUnit tests per method

Issue Tracker

- Repo Owner: jromeem (Jerome Martinez)
 - <https://github.com/jromeem/cs373-wc>
- Total Issues: 67
 - Open Issues: 8
 - Closed Issues: 59

Self Critique

- What did we do well?
 - XML/UML design
- What did we learn?
 - New tools:
 - Web design
- What can we do better?
 - Load times, refactoring
- What puzzles us?
 - The use of GAE

Critique: Project XML

- What did they do well?
 - Very clean UI
- What did we learn from their app?
 - Aesthetics in organizing information
- What can they do better?
 - Search speeds are slow
- What puzzles us about their app?
 - Their export does not validate
 - Many failed GAEUnit tests

Questions?