

Parse Fact Populator

Summary

Parse populator is a combination of page and browser plug-ins that enables the scraping of content from web pages and publishing to Facebook's Parse BaaS (backend-as-service). The code as published supports a schema to publish sports facts (sport name with attr/value pairs such as origin year) to Parse. However, the code that binds schema to GUI can be customized to support any facts interface to Parse.

Architecture

- The architecture uses standard message passing patterns within the Chrome Extension model as outlined in <https://developer.chrome.com/extensions/messaging>.
- The specific parse populator architecture (with data structures and message passing) is at (<http://i.imgur.com/3u6Jhlz.jpg?1>)

Customization

- change context menu to match new vocabulary
- add new sendMessage to request new content types
- add new messageListeners to provide new content types
- change the addFactoid code to change the form that is being posted
- Form schema would evolve to match the Parse schema

Limitations

All facts posted to Parse in a single POST, currently have to appear in the same page. This is a UX limitation for the fact collector, and should be changed over time