SiROP
Search and find scientific projects

Science projects web platform

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What is SiROP?

www.siropglobal.org

- Publish & search web platform for scientific projects (Master, Bachelor, PhD, …)

- 6000+ registered users (Scientists & students)

- x thousand unregistered public users (Students)

- Next generation replacement of the previous Rails-based version

Made with Pharo!

- Pharo 1.4 with Cog VM used for development.
- Seaside 3.0
- Deployment on GemStone 2.4 (Using Pharo based GemTools)
- Short application features insight:
  - Extended and simple search interfaces. User can save his search queries and create RSS/XHTML/XML-Feeds.
  - I18n for GUI and data objects. All content from the user can be multi-language.
  - Free form user data objects. The user can define the structure of his published information.
  - Workflow & todo management for users
  - Email notifications & mass email handling
  - Landing pages management. Admins can install predefined search results for landing pages.
  - Sophisticated user permission framework. Each user carries „badges", which can allow/deny an action
  - Internal Smalltalk based search optimization (No SQL database, no external search indexer)
  - Lots of complex user interfaces (Seaside components)
  - User friendly multistep wizards (e.g. for publishing process). Temporary work is being stored as draft automatically.
  - Separated comprehensive backend UI for admins