



Researcher Profile - Zenodo

For GSoC'17, I was assigned the task to add features to Zenodo that improves user experience. So, we had decided to take up 3 features that are:

1. Researcher Profile Page
2. Zenodo Contact Form
3. Configurable Forms

Researcher Profile Page

We found that our platform should have a profile page for the researcher. So, that it is easy for them to share their work and some details. Therefore, we had decided to create a profile page for researchers which includes their basic information and display their records on Zenodo. So, we started exploring about the best possible field set and defined the data model for the Researcher Profile. We also built many UI for building the best UI. Then we moved for searching functionality used to show records. We explored existing search api in Invenio api suite and we used advantage of it. After this, we felt the need to have a profile page for Non Zenodo Orcid user as well. Therefore, we used orcid public api for details and also displayed their records. We saw there was redundancy between Zenodo User profile page and Non Zenodo Orcid User page. We refactored them. Finally, we got an idea to allow users to contact researcher for discussing content of their records. Therefore, we created the contact the Researcher form.

Zenodo Contact Form

Earlier, for reporting issues to Zenodo you have to send them an email and most of the times, relevant information like operating system, browser etc are missing. So, our idea was to have a convenient form for users where they can address the problem in a better way. We defined the form for the same. We built many prototypes for deciding UI and experimented for full page drag n drop file upload input. Finally, we added email sending functionality and frontend validation in addition to backend validation. This feature is already live at zenodo.org/support.

Configurable Forms

Currently, the forms in Invenio-Userprofiles are hardcoded. So, to surpass the difficulties of defining custom Forms, Models, etc it was necessary to refactor invenio-userprofiles. Therefore, we planned to make them configurable. We have also created a test app for the developers to test it using UI.

Commits

1st Phase

1. GSOC-2017-07-28-global-contact-form
2. GSOC-2017-05-08-docs-typo-fix-1082
3. GSOC-2017-05-08-docs-updated-license-dates-1083

2nd Phase

1. GSOC-2017-08-20-global-profile-page
2. GSOC-2017-08-20-docs-sphinx-fix

3rd Phase

1. GSOC-2017-08-17-global-configurable-forms
2. GSOC-2017-08-19-example-app-included-userprofile-configurable-forms
3. GSOC-2017-08-24-global-researcher-profile

Future Work

We will attach a hyperlink with users on different pages to make profile page easily accessible.

Link

Pull requests

<https://github.com/zenodo/zenodo/pull/1041>

<https://github.com/zenodo/zenodo/pull/1082>

<https://github.com/zenodo/zenodo/pull/1083>

<https://github.com/zenodo/zenodo/pull/1249>

<https://github.com/inveniosoftware/invenio-userprofiles/pull/85>

Code

<https://drive.google.com/file/d/0B-oQvfaI4ZWFeGlzeXJTYmM2bTg/view?usp=sharing>