

Websubmit Adoptions For HGF Repositories

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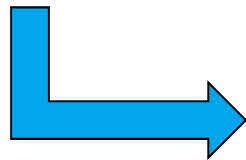
Project Partners

- > Forschungszentrum Jülich, Zentralbibliothek
- > GSI Darmstadt, Bibliothek
- > RWTH Aachen, Hochschulbibliothek
- > Maier-Leibniz-Institut, Garching
- > Deutsches-Elektronen-Synchrotron (DESY), Zentralbibliothek
- > Museum Zitadelle, Jülich



Requirements

- > installation of submission forms on different machines
- > Backup of installed submission forms
- > Flexible configuration for multiple institutes
- > Sharing of new developments between institutes
- > More than 30 document types



configuration file
+
install routine

Configuration File

- > Human readable and editable (without any programming skills)
- > Every institute has its own section
 - Define institutes specific document forms
 - Change input fields
 - field label
 - field order
 - Optional / mandatory
 - Placeholders
- > In case there is no institutional section defined, default forms will be installed
- > Every defined input field in the config file may be reused by other institutes
- > config file is at the same time backup file and is stored in the HGF git repository (centrally kept at DESY)



Configuration file II

Institutional
section

Document
type
(subsection)

Input fields
(MARC)

```
[desy]
[[diploma]]
hgf_start = Diploma Thesis Submission, -, -, -
hgf_088_a = Report number, o, -, "DESY-THESIS-001, arXiv-No."
hgf_1001_a = Author, m, -, -
hgf_536_a = Grant name / Proposal No., o, -, -
hgf_9131_v = Beamline/Experiment/Facility, m, -, -
hgf_920_k = None
[[journal]]
hgf_start = Journal Article Submission, -, -, -
hgf_020_a = None
hgf_1001_a = Author(s) / Editor(s), m, -, "start typing lastname..."
hgf_773_a = DOI, o, 100, -
hgf_773_n = Issue, o, -, -
hgf_773_p = Pages, m, -, "e.g 47-103"
hgf_773_t = Journal, m, -, "start typing a journal name"
hgf_773_v = Volume, m, -, -
```

Field label, field level, order, placeholder



Install Websubmit Forms

> Install: run install script

- Read in config file (python config object)
- Add new HGF websubmit functions
- Add span tags, ids, classes to every input field (usage: css stylesheets)
- Add hidden fields to be filled by import and autosuggest routines
- Include HGF javascript functions
- Use INVENIO core functions to insert submission forms into database
 - Standard INVENIO websubmit forms (SBI / MBI Actions)

> Update:


- Change config file
- Delete and reinstall submit forms again

NOTE a final submission of a document at this step will fail, if no authority records expected by some of hgf websubmit functions are found in the database



Websubmit Forms

Journal Article



Import data ⓘ DOI, arXiv, PUBMED...

Group(s) involved * ⓘ
ATLAS, CFEL, MKK1,...

Beamline/Experiment/Facility * ⓘ
PETRA beamline, HERA, facility machine,...

Grant name / Proposal No. ⓘ
EU project, FS proposal number

Report Number ⓘ
DESY-THESIS-001, arXiv-No.

Author(s) / Editor(s) * ⓘ ⓘ
Start typing lastname and select...

Title * ⓘ

Journal * ⓘ start typing a journal name DOI ⓘ

Volume * ⓘ Issue ⓘ Pages * ⓘ e.g. 47-103

Demo Article Submission

Submit New Record

page: 1

SUMMARY(2)

Submit an ATLANTIS Article:

DEMO

Your document will be given a reference number automatically.
However, if it has other reference numbers, please enter them here:
(one per line)

*Document Title:

*Author of the Document: (one per line)

- > INVENIO demo Submission forms as basis
- > Config file + CSS Stylesheet



individual style!

Journal Article

Import data ⓘ DOI, arXiv, PUBMED... Relevant for VDB → ⓘ yes no Supported by FZJ-Employee ⓘ yes no

Institute(s) ⓘ
Type Name, Shortcut and select (e.g. IAS-1)...

R&D project (POF) ⓘ
Select from list or type ID, Name of POF-Topic...


Grant name ⓘ
EU project, FS proposal number

Author(s) / Contributor(s) ⓘ ⓘ
Start typing lastname and select...

Title ⓘ

Journal title ⓘ Type name, issn...; use "" for exact match or fields e.g. title:"nature" DOI ⓘ Use Import data for a

Volume ⓘ Issue ⓘ Pages ⓘ



HGF Websubmit Form

Submit New Record

Journal Article

Import data ⓘ DOI, arXiv, PUBMED...

Group(s) involved * ⓘ
L: Bibliothek und Dokumentation x
ATLAS, CFEL, MKK1,...

Beamline/Experiment/Facility * ⓘ
PETRA beamline, HERA, facility machine,...

Grant name / Proposal No. ⓘ
EU project, FS proposal number

Report Number ⓘ
DESY-THESIS-001, arXiv-No.

Author(s) / Editor(s) * ⓘ
pazera -> Pazera, Tomasz (>DESY / L) Corresponding author x
Start typing lastname and select...

Title * ⓘ

Journal * ⓘ Acta polonica
Volume * ⓘ Acta biochimica Polonica (1734-154X)
Publication Y Acta geologica Polonica (0001-5709)

DOI ⓘ

- > Import data (DOI, arXiv, pubmed, WoS, INSPIRE). Duplicate entry check via DOI
- > Preselection of institutes and grants by user information (login is mandatory)
- > Autosuggest for Authors, Institutes, Grants, Journals, etc. (authorities)



HGF Websubmit Backend

- > INVENIO websubmit could not handle repeatable fields with more than one subfield
 - INVENIO Bibconvert templates **deactivated**
 - INVENIO websubmit functions replaced by HGF websubmit functions
 - HGF convert routines (JSON→MARC)
 - handle json structures and simple text inputs
 - process hidden fields (e.g. information gained by import)
- > Add document types
 - Information about document type from authority records
 - Multiple document types possible
 - Add DRIVER, BIBTEX, Endnote document type names
- > File submit via FFT tag
- > Handle prefill for modify forms
- > Add collection tags for submit workflow
 - Workflow structure: User → Editor → Staff



HGF Workflow After Submit

- > Every publication submitted to the publication database by an user (in most cases scientists or the secretary of the institute) has to be proofed by the publication appointee (editor) of the contributing institute.



INVENIO baskets

Display baskets

Personal baskets > Institutes Submissions [Back to Your Baskets](#) [Create basket](#) [Edit topic](#)

Staff: Missing data (0)
Staff: Not Assigned (0)

Staff: OnlineFirst (0)
Staff: Revision list (219)

Staff: Temporary entries (3)

Staff: Revision list
219 items, no notes yet
last update: 13 Nov 2013, 18:30

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1. [PHPPUBDB-15796] Contribution to a conference proceeding (0)
Rokicki, P. ; Spatz, Z. ; Fusova, L.
Beta Ti ALLOY CHIPS CHARACTERISTIC
15th International of PhD. students' seminar, Zilina - Terchova, Slovakia, 44-47 (2010)

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2. [PHPPUBDB-23189] Journal Article
Zorenko, Y. ; Voznyak, T. ; Gorbenko, V. V. ; et al
Comparative study of the luminescence of $\text{Sr}_3\text{Al}_2\text{O}_7$ nanoceramics and single crystals under excitation by synchrotron radiation
Optical materials 35(12), 2049-2052 (2012) [10.1016/j.optmat.2012.07.009] [LIBRARIES PDF >>](#)

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3. [PHPPUBDB-23407] Journal Article (0)
Alekhin, S. ; Blümlein, J. ; Moch, S.-O.
Statistical issues in the parton distribution analysis of the Tevatron jet data
[DESY-12-1 DO-TH 12/34; LPN12-118; SFB/CPP-12-79]
Journal of high energy physics x, xx (2012) [LIBRARIES PDF >>](#)

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- > Filling baskets by HGF alertengine
- > Autodelete of already released publications



Coming soon...

> Title preview

- Equations via Mathjax (ready)
- Latex (in process, any suggestions?)

> Collection triggering in websubmit frontend

- Private collection (i.e. author Publication list)
- Publication database (public)
- Group internal publication (public only for members of that group)

> Smart alertengine

- Autodelete of group baskets (dependancy on multiple baskets)
- Email notification ones and only after specified time

> Migration to INVENIO 1.2



Lookout

- > INVENIO WebDeposit
 - Autosuggest (Authorities)
 - Workflow collections
 - Backend functions

- > Baskets vs. Tagging



Thank You

