

odoo codesearch

We index your Code|



Markus Schneider
initOS GmbH & Co.KG

Agenda

- > Why we build it?
- > How to use it?
- > Some stats to your code ;)
- > What comes next?

Situation early 2014

- > Launchpad has a bad UX - no search
- > apps.openerp.com targets users not developers
- > Google didn't help
- > Other code search (openhub) doesn't fit

Odoo goes GitHub

- > Great - now we are on two worlds
- > OCA moved to GitHub (thanks)
- > GitHub has search
- > BUT: either repositories or inside repositories
- > Note: Bitbucket has no API for search :(

What we want:

- > Find all source that is OpenERP/Odoo
- > Index metadata
- > Analyse what the code does (dependencies, models, fields and functions, ...)

How to use it?

Full Text Search

- > Index all module descriptions
- > Index all documentation (coming soon)

- > Example: ldap, import, 20022

Module Meta Data

- > Index all `__openerp__.py` entries
 - > Find Odoo version
 - > Index used programming language
 - > Index provided translations (coming soon)
-
- > Example: `depends:website_sale`
 - > `author:~OCA`
 - > `version:8.0`
 - > `price:$exists`

Module Code & Data

- > Analyse defined models, fields, methods
- > Analyse views

- > Example: provides:connector.checkpoint
- > inherit:account.invoice
- > field:invoice_id
- > method:send_email
- > view:sale.view_order_line_tree
- > view_type:kanban

Statistics

Code Out There

- > 5007 repositories in our index
- > 200GB+ data
- > 12937 different modules
- > 120K forks
- > 334 Mio Lines of Code
- > ~14Mio unique Lines of Code + 2.3Mio Comments

Versions

- > 8.0: 3,411
- > 7.0: 4,006
- > 6.1: 2,073
- > 6.0: 1,143
- > 5.0: 21
- > unknown: 10,050

License

- > Not explicitly set: 9,851
- > AGPL-3: 3,598
- > GPL-3: 155
- > Other OSI approved licence: 34
- > GPL-3 or any later version: 13
- > GPL-2: 2
- > Other proprietary: 2

Author

- > OCA: 1238 (50% in development)
- > Vauxoo: 720
- > Akretion: 626
- > CamptoCamp: 565
- > AvanzOSC: 408
- > Savoir-faire Linux: 380
- > Julius Network Solutions: 360

What comes next?

Current work

- > Search in docs
- > Show code preview
- > Make better ranking

Thank OCA Sponsors:

anybox



BLOOPARK



Thanks!

Q&A

Twitter: @OSguard
www.odoo-code-search.com | www.initOS.com
mail@odoo-code-search.com