Utveckling i Koha communityt

Svenska Kohanätverkets sjätte användarmöte i Luleå
17-19 oktober 2018
Who am I?

Katrin Fischer

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- Librarian
- Working as IT Coordinator at BSZ, Germany
- Involved in the Koha Community since 2008
- Currently QA manager
What will I talk about?

− How do new features get into Koha?  
  *Development workflow*
− When will it be available?  
  *Release cycle*
− How do we keep bugs out?  
  *Quality assurance*
− *How can you help make it happen?*  
  *Community participation*
Bugs will happen.

Nick Clemens

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Development Workflow

Specification / Initial development

- What are the use cases?
- What areas will it touch?
- What are the possible side effects?
- Is it general enough to fit all libraries?
- What configuration options are needed?
Development Workflow

Sign off
- Does it work as described?
- Does it work for the use case?
- Is it easy to use?
- Does it feel right?
- Does it fit into Koha?
- Will it work for different libraries?

A user’s perspective!
Development Workflow

QA Review

− Does it pass unit tests?
− Does it pass the QA script?
− Does it follow coding guidelines?
− Is it implemented in a secure way?
− Is all new/changed text translatable?
− Does it follow guidelines for data privacy?

A developer’s perspective!
Development Workflow

Pushing to master
- Does it fit the big picture?
- What is the benefit of the change?
- Does it change existing workflows?
- Does it break/remove something?
- Did it receive the necessary testing?
- Does it require more testing?
Development Workflow

1. Developer
2. Independent Tester
   - Signed Off
   - Failed QA
3. QA Team Member
   - Passed QA
   - Failed QA
4. Release Manager
   - Pushed
   - Failed QA

(koha)
Development Workflow

Release Maintenance

- Is it a bug fix or an enhancement?
- Does it change behaviour?
- Can it safely be backported?
Releases

- Time based release cycle
- Makes updates plannable
- No complete road map, just common goals
- What’s ready, will be included
RELEASE NOTES FOR KOHA 18.06.00

16 Oct 2018

Koha is the first free and open source software library automation package (ILS). Development is sponsored by libraries of varying types and sizes, volunteers, and support companies from around the world. The website for the Koha project is:

- Koha Community

Koha 18.06.00 can be downloaded from:

- Download

Installation instructions can be found at:

- Koha Wiki
- OR in the INSTALL files that come in the tarball

Koha 18.06.00 is a major release that comes with many new features.

It includes 7 new features, 157 enhancements, 293 bugfixes.
Dashboard

Koha Dashboard

Overall bug tracker health status: 1 blockers 1 criticals, 13 majors.

Last 5 sign offs
- Andrew Isherwood-20561 - Allow manual selection of custom ILL request statuses
- Owen Leonard-21324 - Missing aoColumns definition in acquisition received table
- Michael Denar-19179 - Email option for SMSSendDriver is not documented as a valid setting
- Michael Denar-21318 - Add control number to authority Z39.50 search form
- Martin Remuzo-21230 - Remove services throttle if not required for ThingSBN

Needs Signoff
10 Oldest bugs
- 19109 - Enable the maximum zebra records size to be specified per instance
- 18736 - Koha_Elasticsearch_Indexes fails if Elasticsearch is configured but not running
- 20535 - ModZebra called with $record with items stripped in ModBiblioMarc
- 18757 - Problem when importing only items in MARC records
- 18690 - Remote DB installation is too insecure
- 17237 - Stop koha-creade from creating MySQL users without host restriction
- 20713 - Add Russian UNIMARC authority structures
- 19177 - [Unihan] importing bibilios from Z39.50 servers duplicates related authorities
- 16739 - generate defect showing on basket groups
- 20177 - Remove GROUP BY clause in GetCourses

Needs QA
10 Oldest bugs
- 15595 - Internationalization: plural forms, context, and more
- 20497 - Hide some fields from unauthorized users
- 12027 - Shibboleth authentication for staff client
- 18713 - Add support for named graphs and rdfs seeAlso to Koha: RDF
- 16585 - Connect to RDF tripestore
- 20663 - Elasticsearch - Apply dataTable on search fields and mapping tables
- 18235 - Elastic search - Configurable facets
- 17168 - Add a command line script for updating patron category based on status
- 19452 - Elasticsearch - prevent removal / editing of required indexes
- 20772 - Bib metadata pertaining to an ILL request should be editable

New features recently pushed
- 21319 - Remove highlight and tooltip on Koha Team version - 2018-09-07 16:06:08
- 21226 - Remove services_throttle if not required for ThingSBN - 2018-09-07 16:06:03
- 16598 - Add links to related authorities for UNIMARC - 2018-09-07 16:05:04
- 20741 - Update two-column templates with Bootstrap grid. Administration part 5 - 2018-09-06 17:40:41
- 20742 - Update two-column templates with Bootstrap grid. Administration part 6 - 2018-09-06 17:40:26

New Developers

Bug activity
2018-09-08: 0 changes
2018-09-09: 0 changes
2018-09-10: 7 changes

Bug statuses
- Needs Signoff - 249
- Signed Off - 48
- Passed QA - 19
- Pushed by MJ - 8

Build statuses
- D0: build passing
- D9: build passing
- U10: build passing

Random Quote
"If wahanui is an infobit, does that make it's mom a databit?"
Roles for 19.05

- **Release Manager**
  - Nick Clemens (continuing)
  - **RM Assistant**
    - ...

- **Release Maintainers**
  - (18.11) - Martin Renvoize (continuing for 'stable')
  - (18.05) -
  - (17.11) - Fridolin Somers (continuing)

- **Quality Assurance Manager**
  - Katrin Fischer (continuing)

- **Quality Assurance Team**
  - Alex Arnaud (continuing)
  - Julian Maurice (continuing)
  - Kyle Hall (continuing)
  - José Moravec (continuing)
  - Martin Renvoize (continuing)
  - Jonathan Druart (continuing)

- **Topic Experts** - A second sign-off from a QA expert will count towards QA with additional code review from core team where needed (CAS, Shibboleth, LDAP, SIP2, Linked Data/RDF, Zebra, ...)
  - SIP2: Colin Campbell
  - EDI: Colin Campbell
  - Elasticsearch: Ere Maijala
  - REST API
  - UI design: Owen Leonard

- **Bug Wranglers** (the more the merrier!)
  - ...

- **Documentation Manager**
  - ...

- **Documentation Team**
  - Caroline Cyr La Rose
  - David Nind
  - ...

- **Translation Manager**
  - ...

- **Packaging Manager**
  - Mirko Tietgen (continuing)

- **Continuous integration infrastructure maintainer (a.k.a. Jenkins)**
  - ...

- **Wiki Curators**
  - Caroline Cyr La Rose
  - ...

- **Social media managers**
  - Twitter: David Nind
  - Facebook: ...
  - LinkedIn: ...
  - Vimeo: ...
  - Zotero: David Nind
  - YouTube: David Nind
It's all about the people.

Chris Cormack

- Asking questions is good.
- Being wrong is ok.
- Sometimes being nice is more important than being right.
Development

- Be a Koha developer
- (Co)Sponsor development
- Report bugs and issues
- Report enhancement ideas/wishes
- Give feedback on bugs and RFCs

Hackfest at KohaCon10 by Kristina D. C. Hoeppner
https://www.flickr.com/photos/4nitsirk/5128290286
Testing

- Get yourself a dev environment
- Test bugs using sandboxes
Documentation

- Be a manual writer
- Report missing information
- Report erroneous information
- Report typos …or just fix them!
Translation

- Translate Koha
- Translate the manual
- Fix typos as you spot them
Help others

- Answer questions on the mailing lists
- Share Z39.50/SRU connections
- Share reports
- Share jQuery tricks
- Share frameworks
- …
Visibility

- Talk about your experiences with Koha
- Share things you’ve done
- Add your library to the Koha Wiki
- Submit your library’s data to Hea!
Alone we can go faster, together we can go further.

Nigerian proverb, picked up at KohaCon15

Photo courtesy of Olugbenga Adara
Questions?

Katrin Fischer

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Photo courtesy of Kyle Hall
Links and Sources

https://dashboard.koha-community.org/ | Dashboard
https://gitlab.com/koha-community/kohadevbox | kohadevbox
https://wiki.koha-community.org/wiki/Sandboxes | Sandboxes
https://koha-community.org/documentation/ | Koha Manuals
http://translate.koha-community.org/de/ | Koha Translation
https://koha-community.org/support/koha-mailing-lists/ | Mailing lists
https://wiki.koha-community.org/wiki/Configure_Z39.50/SRU_targets | Z39.50 targets
https://wiki.koha-community.org/wiki/Koha_Open_Z39.50_Sources | Z39.50 targets of Koha libraries
https://wiki.koha-community.org/wiki/SQL_Reports_Library | Share SQL reports
https://wiki.koha-community.org/wiki/JQuery_Library | Share jQuery scripts
https://wiki.koha-community.org/wiki/MARC_frameworks | Share frameworks
https://hea.koha-community.org | Hea – Community statistics