Svenska Kohanätverkets sjätte användarmöte i Luleå

17-19 oktober 2018

Who I am

- **Paul Poulain, French (Marseille)**

- **Open source fan since 1997**

- **Involved in Koha since early 2002**

- **Former Koha Release Manager[v 2.0, 2.2, 3.8, 3.10]**

- **Founder of BibLibre, Open Source for libraries**

- **Paul.poulain@biblibre.com, twitter : paul_poulain**

About BibLibre

➔ 18 persons

➔ Dedicated to Open Source and libraries

➔ Selecting, contributing, supporting:

    ➔ Koha

    ➔ Omeka

    ➔ Bokeh

    ➔ Coral

    ➔ Matomo (formerly piwik)

    ➔ Urungi

➔ 150+ customers, 80% in France, 20% in eureopan countries (Greece, Sweden, Belgium, Netherland, Denmark, Spain, Italy, Switzerland)

Some kiwis and a y2k bug

➔ HLT Horowhenua Library Trust, in New Zealand

➔ has a system with a y2k bug

➔ Need low prices

➔ Need to work on a dialup line

➔ Easy to use for volunteers

What Koha means ?

➔ Gift, contribution, Maori term

Katipo, (a « web company »)

➜ start working on a full web ILS

➜ work start on sep, 99

➜ limited functional requirements (no serials, no acq, …)

➜ not full web in fact : circ was a vt100 app

➜ agile development before Agile methods exists !

➜ team leader : Chris Cormack

1st version delivered on time

➔ HLT goes live with koha 1.0.0 on 2000, january 2nd

➔ 1st full-web ILS

Katipo is not a product vendor company

➔ Releasing Koha as OpenSource

1ˢᵗ public release after :

➔ Some sleep for the developers

➔ Some bugfixes for the software

➔ Some work on the web for the rest of the world www.koha.org Website, Project created on SourceForge

New developers :

➔ Glen Stewart (1ˢᵗ patch not from Katipo)

➔ Steve Tonnesen (web based circulation)

1ˢᵗ non english developer (& maybe library) : Pawel Skuza (Poland)

1ˢᵗ French developer & user: Paul Poulain (in 2002-01) & Dombes Abbey

➔ Koha 1.2 released

➔ Wiki launched

➔ Bugzilla launched

➔ 2 major problems to fix

  ➔ Translating Koha : Move to HTML::Template decided

  ➔ MARC standards : Adding MARC support decided (1st sponsoring outside from HLT -Nelsonville Public Library-)

➔ 17th committer at the end of the year

koha

International software,

➔ hacked « 24/7 », by ppl all around the world.
   It's time to add some organization !

First elected team

➔ Kaitiaki : our Guardian : Pat Eyler
➔ Release Manager (2.0) : Paul Poulain
➔ Release Maintainer (v1.2) : Chris Cormack
➔ QA manager : Ingrid, then no-one
➔ Doc manager : Nicolas Rosasco

New functionalities like

➜ MARC support (incl authorities)

➜ Serials

➜ Stats

➜ Advanced OPAC

➜ Bulkimport

Team elected in 2003 :

➔Kaitiaki : Rachel Hamilton

➔Release Manager 2.4/3.0 : Joshua Ferraro

➔Release Maintainer 2.2 : Paul Poulain

➔QA manager : Pierrick Le Gall, then no-one

➔Doc manager : Stephen Hedges

The SQL MARC

➔ structure is limited, and can't deal efficiently with large size catalogues (+300k items)

➔ Deciding to move to zebra

First KohaCon in France (KohaCon06)

➔ 3 days user conference (more than 120 attendees, in Paris)

➔ 5 days hackfest (15 developers from 4 countries, in Marseille)

Changing tools :

➔ Moving from sourceforge/CVS to savannah/CVS then git

➔ Mailing lists on lists.koha.org

➔ French website (www.koha-fr.org)

In 2008-2009, Koha faced a trouble. In a few words :

➔ In 2007, LibLime bought Katipo Koha activity & domain name

➔ A company called PTFS does some business in US around Koha. LibLime cries for danger

➔ Something happens at LibLime and they don't share any more

➔ A lot of LibLime developers resign

➔ LibLime announces « LibLime Enterprise Koha », hosted only, source-code is not shared, the community no longer has access to Koha.org domain & tools

➔ PTFS buy LibLime. It's now PTFS/LibLime (early 2010)

Open Source is better (for users):

➔ No-one can « steal » the software. It's a « common good » That's a huge guarantee for libraries/users !

➔ The software evolution doesn't depend on a single company success or decision !

Consequences of this crisis :

➔ For users (libraries) none (a delay in releases)

➔ For developers, we spent a lot of time dealing with those problems. But we have learnt a lot of things.

End of the crisis

➜ Decision to move to koha-community.org, with all our tools (Jan 2010)

➜ KohaCon09 in USA (Plano, TX), then NZ (2010 Wellington), India (2011 Pune), UK (2012 Edinburgh), USA (2013 Reno, NV), Argentina (2014 Cordoba), Nigeria (2015 Ibadan), Greece (2016 Thessaloniki), Philippines (2017 Manilla), USA Oregon (2018 Portland)

➜ ptfs-liblime can be considered as a dead project (last change in may 2016)

2010 and 2011 workflow changes

➔ Monthly IRC meeting

➔ Well defined patch workflow

➔ QA manager position filled !

➔ Many new contributors

It's time for a new start :

➔ the team is highly motivated,

➔ there are exciting things to do,

➔ there are more and more users that uses Koha

Koha 3.4 was the 1st "time based release" (april 2011, Chris RM)

➔ Normarc support

➔ Fast add biblio

➔ Switch from H::T::P to T::T for template (presentation)

➔ Item removed from bibliographic MARC record

Koha 3.6 (oct 2011, Chris RM)

➔ Easier analytics record

➔ 365 bugfixes & improvement from 3.4

Koha 3.8 (april 2012, Paul RM)

➔Hourly loans

➔Firefox offline circulation module (KOCT)

➔New staff interface

➔130 enhancements (+ fixes)

➔71 different developers

Koha 3.10 (nov 2012, Paul RM)

➔ Plack (1st steps)

➔ Responsive design OPAC

➔ 160 enhancements & new features, 433 fixes (since 3.8.0)

➔ Enhancement description document is 43 pages

Koha 3.12 (may 2013, Jared RM)

➔ Patron self-registration

➔ Link between subscription & acquisition

➔ Branch-limited authorized values

Koha 3.14 (Nov 2013, Galen RM)

➔ Course Reserves

➔ Bootstrap theme for OPAC

➔ New offline circulation module

IPONZ decision

➔ Liblime/PTFS trademark application rejected

➔ Costs awarded to Te Horowhenua Trust and Catalyst

➔ Trademark awarded to Te Horowhenua Trust

Koha 3.16 (may 2014, Galen RM)
➔ Different templates for notice types
➔ Experimental Plack support for OPAC

Koha 3.18 (Nov 2014, Tomás RM)
➔ Indexing in GRS deprecated in favor of DOM
➔ OPAC fully responsive
➔ Shibboleth
➔ Rotating collections & on-site checkouts

Koha 3.20 (May 2015, Tomás RM)

➔ Discharge management

➔ Batch modification for biblios

➔ On the fly conversion of biblio during import

Koha 3.22 (Nov 2015, Tomás RM)

➔ Plack out-of-the-box

➔ Webservices (Restul API)

➔ Digital library: attaching files to records

➔ Sitemap for search engines indexing

➔ Batch checkout

No version 3.24 !!!

Numbering change: introducing 16.05

➔Year-Month schema

➔Solve the question "when do we update the 1st digit" (Koha 3.22 is not like 3.0 !!!)

Koha 16.05 and 16.11 (Brendan & Kyle RM)

➔ Plumbing (a lot, 120+)

➔ Features

  ➔ EDIFACT for acquisition

  ➔ OpenID login

  ➔ Automatic item modification by age

  ➔ Pay fine via paypal

  ➔ Elastic Search

  ➔ Multiple reservation

  ➔ Housebound

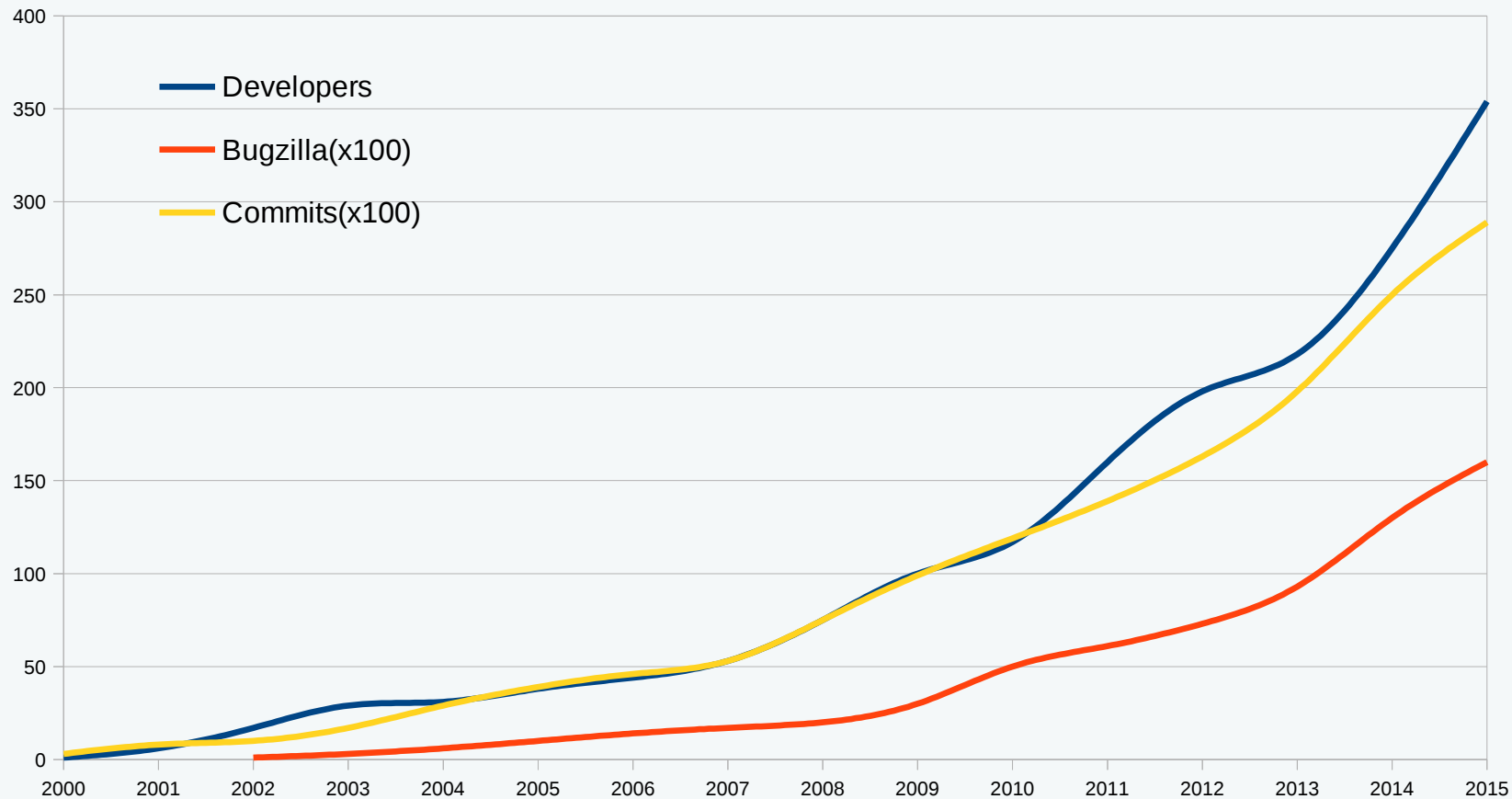# Koha 17.05 and 17.11 (Kyle and Brendan RM)

➔ Plumbing (x00+), Elastic Search, Performance
➔ 205 enhancements, 253 bugfixes
➔ New feature
  ➔ Article request

Koha 18.05

➔ 12 new features (and a lot of internal changes)
➔ 257 enhancements and 360 bugfixes

Koha in 2018

➔ The most used ILS in the world

➔ Probably 20k libraries using Koha

  ➔ 1000+ public libraries in Argentina

  ➔ 1000+ public libraries in Turkey

  ➔ 7 national libraries

➔ Almost 100 different contributors every year

➔ Major support companies, major contributors

  ➔ BibLibre (France), ByWaterSolutions (USA), Catalyst (NZ), PTFS-Europe (UK), Theke (Argentina)

➔ 1 developer full-time (Jonathan Druart), funded by BibLibre/ByWaterSolutions/PTFS-Europe

Some numbers

Koha is a community where everyone ~~can~~ should do something

➔ Many things possible even if you're not a developer (translating, documenting, testing patches, cleaning the wiki, submitting bugs, …)

➔ Regular events: KohaCon and hackfest in Marseille (SAS about to open a direct flight Stockholm <> Marseille)

➔ Give back. Every penny help build the house

Let's talk about Koha future now

First of all:
➔ This is my opinion, feeling, I'm trying to convince the rest of the Koha community, you may disagree
➔ The future of Koha … is not Koha
➔ The future of Koha is not Koha, but we will build it over Koha. Let me explain

Public libraries

➔ Physical material
➔ Digital collections (local history: pictures, paintings, maps, digitised oldies)
➔ Public interface (OPAC, portal)
➔ Ebook lending

Academic libr.

➔ Physical material
➔ Electronic subscriptions/serials
➔ Local digital collections (thesis, historical collection)
➔ Ebook lending
➔ Public interface (OPAC, discovery, portal)

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➜ **Physical material**

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➜ Local d

Koha

ding

➜ Public interface (**OPAC**, discovery, portal)

What do we do for other features ?

We have 2 options:
➔ Add those features to Koha
➔ Find an Open Source software doing that

Write it:

➔ A big job, for sure

➔ We wrote an ILS, we are fool enough to write an ERM, a discovery, a portal !

Find it:

➔ The Unix philosophy: a tool do one thing, greatly and efficiently

➔ Is there something already ?

Public libraries

➜ **Physical** material

➜ Digital collections (local archives: paintings, maps, digitised old...)

➜ Pulic interface (**OPAC**, portal)

➜ Ebook lending

Academic libr.

➜ **Physical** material

➜ Electronic subscriptions/serials

➜ Local digital collections (historical collection)
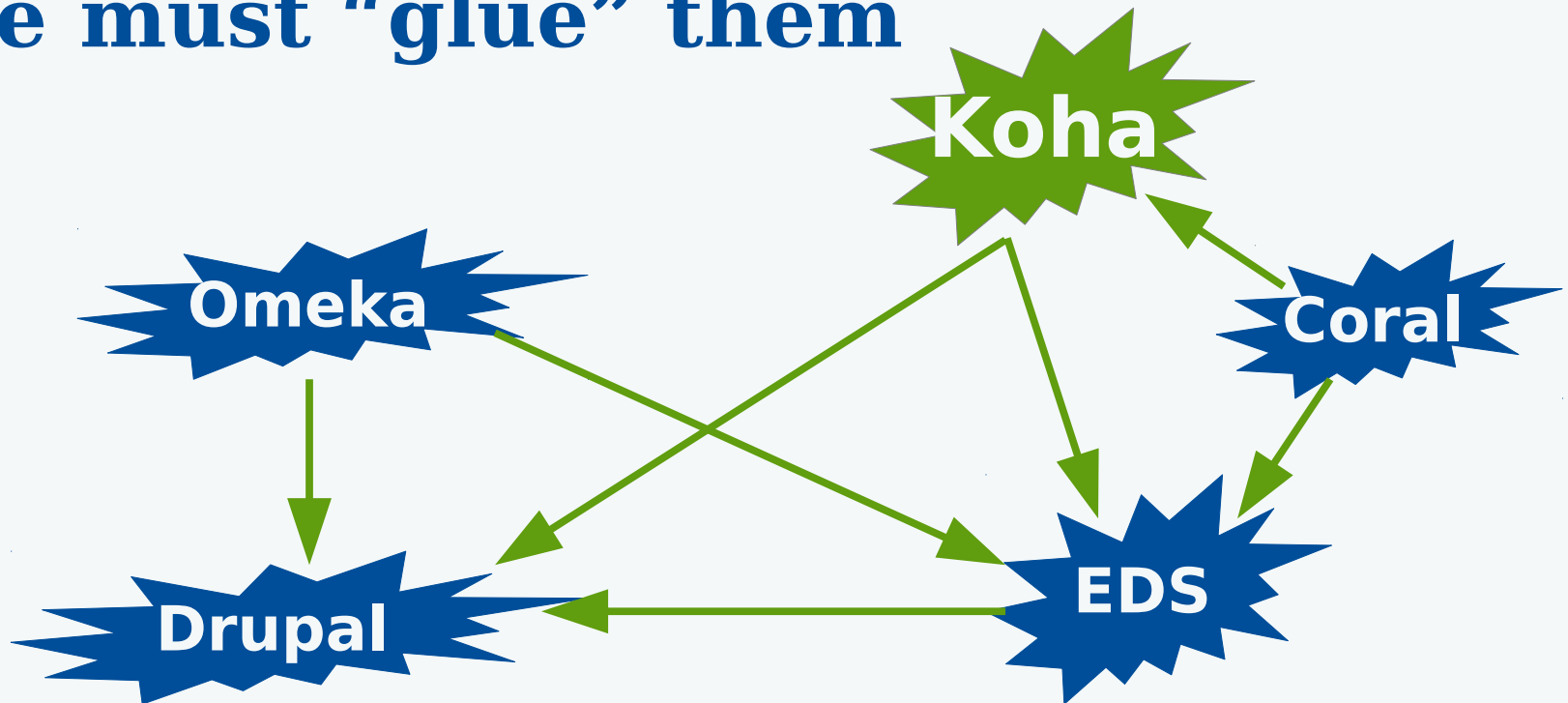
➜ Ebook lending

➜ Public interface (**OPAC**, discovery portal)

Koha

Koha

Coral

Omeka & Dspace

Omeka & Dspace

Drupal & Bokeh

EDS

A collection of separate tools.

We must "glue" them

How to glue them

➔They all are web-based applications

➔Use standards (OAI-PMH, Restful, …)

➔Use webservices

It's a big effort

➔Each tool must remain independent

➔Convince both communities

➔Be involved in both communities

➔Find the best technical way

➔Code, test, validate, integrate

A little bit more...

Data sharing

➔Libraries have common data. For example, cataloguing informations. But also:

- ➔Serials informations
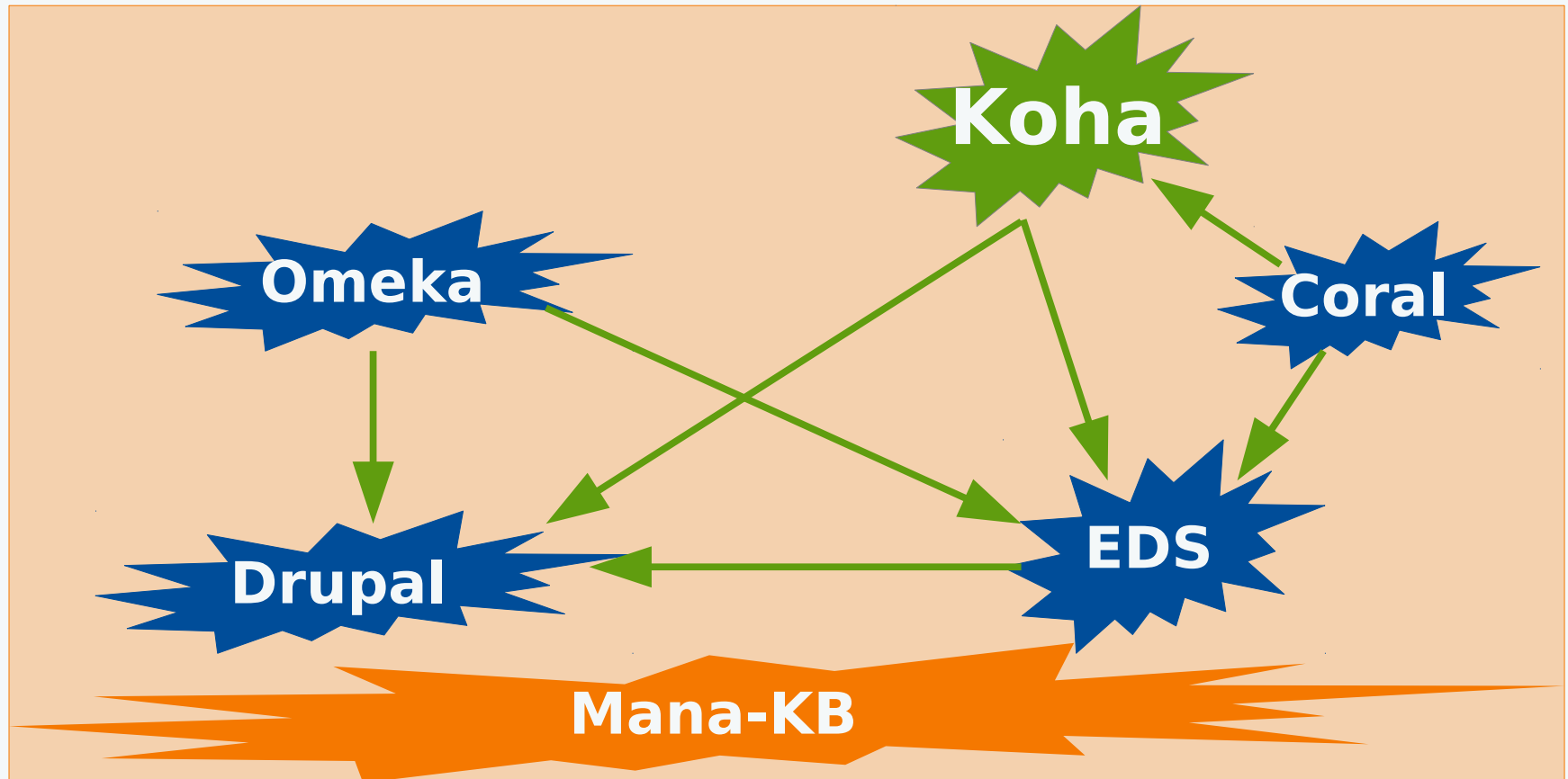- ➔Reports & stats
- ➔Specific tuning, setup & hints

Introducing Mana-kb

➔A project launched by BibLibre

➔https://mana-kb.koha-community.org/

➔World-wide knowledge base to build wold-wide resources useful for libraries.

➔Already available:

➔(printed) serials pattern

➔SQL reports

➔Reading pairs ("reader who read this also read that)

➔Hopefully available in Koha 18.11

Available in the future:
➔XSLT & some other Koha parameters interesting to share (like cataloguing frameworks)

➔E-resource files (kbart, ONIX)

➔...

Final goal

Koha
Omeka
Coral
Drupal
EDS
Mana-KB

Open Source Library Platform (Reminder: find a nam

Thank you