HKCR Development overview.

XMind CDD

XMind file Named by the Expert

Local Storage

XMind File

Store Where?

Shared Use

Local Development Only

Publish

HKCR (see below)

UUID Named CCD

Draft

XMind File

HKCR Storage

CCD

XMind File or CCD

- Phase 1
- Phase 2
- Phase 3

XMind (other experts)

XMind File

Network / Internet

CCD

Applications

XMind File

Healthcare Knowledge Component Repository (aka. HKCR)
Functional Overview

Status Check

Publish

Check Submitter Permissions

Has Permission to Publish

Convert to CCD Schema

CCD

Published CCDs for Usage

Draft

Store for shared editing

Rejected

Review for Publication Queue

Reviewed. Ready for Publication

CCDs

XMind CCD Files

View Select Download

XMind CCD File

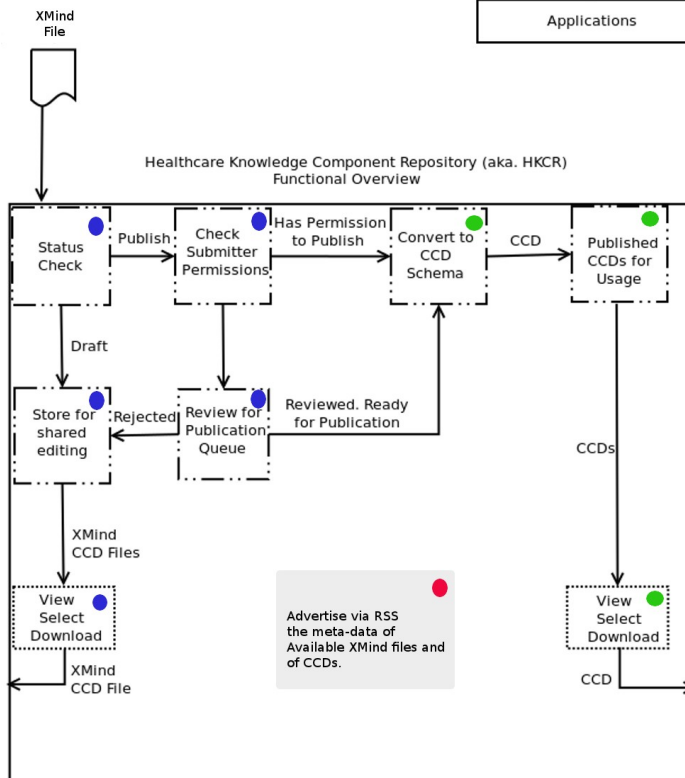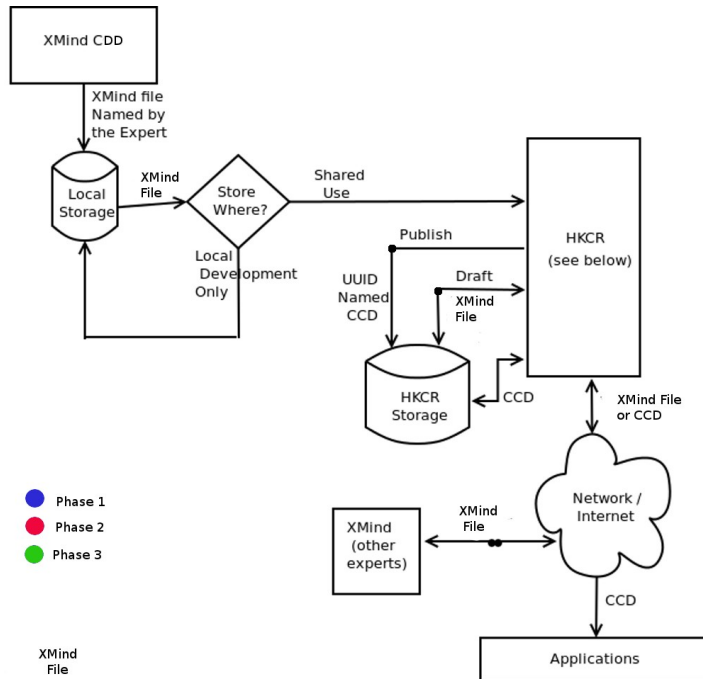Advertise via RSS the meta-data of Available XMind files and of CCDs.

View Select Download

CCD

The two diagrams above depict the HKCR eco-system. Notice that development should be done in three phases of functionality.

Phase 1 - (blue dots): HKCR must be able to register users and those users should have a private workspace. They should be able to upload XMind files into their workspace and then share those files with other users. This phase should also support the creation (by a manager) of ad-hoc groups of users and the files can be shared to a group. The Publish flag cannot be set during this phase and all files will forever remain in their Draft status. The users should be able to manually set the standard Dublin Core meta-data that Plone provides on their files.

Phase 2 – (red dot): At this point HKCR will have the ability to deconstruct the XMind File and extract the CCD meta-data and populate the Plone meta-data.   This also means expanding the standard Plone meta-data to include the CCD meta-data elements in addition to the Dublin Core items.

Phase 3 – (green dots): This is the fun part. Now HKCR can take the contents.xml and deconstruct it to produce and XML Schema aka. CCD. I will later provide more detailed instructions for this phase.

You can get a larger copy of this image at http://www.mlhim.org/projects/hkcr/hkcr_overview.png/view

Contact me anytime timothywayne.cook@gmail.com

We also have an IRC channel on Freenode.net #mlhim Let me know if anyone would like to use it and I'll hang around more often.

Regards,
Tim