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1 CTAN Wuppertal Meeting

Participants were Petra Rube-Pugliese, Gerd Neugebauer and Manfred Lotz.

1.1 Portal v2

New portal v2 planned for some time in April or May.

New features

- User registration will be active
- New simplified upload form

- Package rating possible (for registered users only)
- Users may comment packages (for registered users only)

1.2 Upload form

Simplified upload form in Portal v2.

- Gerd showed improved layout (far easier for authors than it is today)
- Underscore in package name will be regarded as error (see above)

We agreed to use new layout which is a big step forward.

1.3 Package names

Agreeing that we want - (minus) instead of _ (underscore) in package names. Means for new packages we won't accept package names with underscore.

1.4 Patrick Gundlach's tex archive in git

1.4.1 Patrick's mirror

Patrick has a mirror here: <https://ctanmirror.speeddata.de/>

It uses

- rsync to get the data from comedy.dante.de
- git (daily commit) to maintain a history
- gogit to present a directory tree like interface on a daily basis,
e.g. <https://ctanmirror.speeddata.de/2015-04-02/>

- it was started March 17th 2013 and is currently approx. 350 GB

1.4.2 CTAN situation on comedy

Currently, the texarchive isn't under version control. As discussed in Darmstadt during the TUG 2015 meeting we want to keep the texarchive in git where commits are based on

- package installs

- injected stuff by mirroring
- include Patrick's data to start out with an existing history (although Patrick's commit history is daily based, i.e. not package based)
- perhaps include Manfred's data who has some 30 snapshots starting out in 2007.

Requires enhancements in `ctan_install` and in the different existing mirror scripts. What else?

Actions:

- Working out a concept of the future layout.
- Working out a plan of how to migrate

When: not yet determined.

1.5 Catalogue in git

- Plan to convert the subversion based catalogue into git

However, it has to be checked if anything could break.

- DTD has to be adjusted as the datestamp and modifier attributes of the entry element will be obsolete then.

Note: It is possible to enhance git in a way that such stuff as datestamp and modifier attributes could be filled automatically. But is it worthwhile?

- What else ...?

- Some git education for the upload managers required.

Manfred will look into how to convert existing subversion repository into a git repository.

1.6 Licences

The DTD requires a license element in the catalogue entry but even today it is possible to specify more than a single license for a package.

- (Portal import) As soon as Gerd confirms that the portal can display more than a single license we will make use of it.

- Plan to enhance the list of possible licenses in the catalogue.dtd.
- Gerd proposed to get rid of weird license specifications, like 'collections', 'digest' which are no real licenses anyway.
- Currently all licenses used in the catalogue have an accompanied file in the tex archive in help/Catalogue We think this isn't really required.

Who: Manfred, Gerd

1.7 CTAN book

- Gerd's CTAN book could replace the existing HTML pages which are in /help/Catalogue resp. /help/Catalogue/entries

1.8 Not mentioned in the meeting: XSD Schema to replace DTD

- XSD schema makes better validation than DTD. For instance date format can be checked.
- With XSD topics can be included in validation
- For the end user there will be no change.

Who: Manfred

1.9 Package contacts for any kind of support

New element to define possible support contacts

- new element <contact/> with types:

- support Examples:

```
<contact type='support' href='mailto:ton.vandeursen@uni.lu' />
<contact type='support' href='mailto:blabla-list@some-place.com' />
<contact type='support' href='http://myhome.org/mypkg/support.html' />
```

- bugs Example:

```
<contact type='bugs' href='https://github.com/satoss/msc/issues' />
```

- home

- * could be filled from existing home element)
- * Beware: could contain git urls which should go into repository type.
- repository Example:


```
<contact type='repository' href='https://github.com/satoss/msc/' />
```

Actions

- DTD adjustment first
- Template file update required
- Portal
 - database adjustments
 - importer
 - upload form adjustments so that author could add/update contact informations.
- Getting initial data
 - convert existing home element into new scheme
Then git based home links could go into the repository type of element contact.
 - script to search for email addresses, http web pages, bug tracker sites in package files
 - then add those data into xml
- Finally, when <home/> is no longer used it will be deleted from the DTD.

1.10 Topics (to be dealt with in the next meeting)

- Want to make a meeting some time in autumn
- Idea is to do this in Frankfurt area because ...
 - easy reachability by plane or train
- Alternative might be at the DANTE spring meeting in Zeuthen next year
Date: 29.3.-31.3.2017

- Petra is pretty much dependend upon school vacations.

School vacation in autumn 2016: 17.10–28.10.2016

Starting out with Petra's vacation in October, the weekends 15/16.10, 22/23.10 or 29/30.10 come into mind. Suggestion: Lets look in May what might be possible.

1.11 Naming and mentioning of the CTAN team from a historical point of view

- Gerd will prepare something like a 'history page'
 - then input needed from those who know the past (Rainer, Joachim)

1.12 Admin Pages

- <http://www.ctan.org/updateInfo>

Could be used to check the status of the catalogue import.

1.13 Upload via script, metainformation of packages

- Existing package of Scharrer, not working currently
 - Manfred will try to contact him to ask what to do with it
- meta information format, many possibilities
 - XML, JSON, TOML, T_EX or ...
- upload script in Perl or Lua,
 - should run in *nix, MacOSX and Windows
- backend part

Actions:

Gerd:

- Format decision for meta file: tex
- Script writing
- web services for getting information, and for uploading a package

Gerd, Manfred

- Testing (internal and external)

1.14 Legacy

What to do with ...

1.14.1 Ancient packages

Criteria

- last change in last century
- no documentation
- no readme
- author unknown
- no license information
- interesting to check if it is in MikTeX or T_EX Live

Should they go to /obsolete?

1.14.2 Not catalogued (XML wise) directories

- Manfred has a script and will provide an up-to-date list.

1.14.3 Single file packages

- we don't want it but we have it
- we don't allow it for new packages
- we want to get rid of it

1.14.4 Bundle packages

- pointing into same directory tree

1.14.5 Directories as containers, no package itself

Gerd likes to have a description text for all directories which are not pointed to by a package.

Sample:

- macros/latex/contrib

No package, thus no description in XML catalogue

Gerd likes to get notified if we create a new intermediate (unowned by any package) directory so that he has a chance to add a description.

1.14.6 Koma-script

- package description improvements
 - text itself
 - point to all packages belonging to ks

Manfred will look at this.