

DSpace System

Experience, future development

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DSpace

Freely available *open source* software for building and running digital libraries.

<http://dspace.org/>

We want to install DSpace...

- ... it's for free :-)
- ... open source

BUT

- only the source code is for free
- including documentation and tutorials
- support?

... what can we expect (and what is not for free)?

- hardware
 - a lot of memory needed (≥ 2 GB)
 - high performance PC should be enough for start
- installation, maintenance
 - system administrator (Java software developer)
 - installation and first start can take about 1 day
 - documentation is very good
 - troubleshooting – mailing lists
 - bug report system
 - quite a good response (large worldwide community)

Alternative solution (not in CZ) – commercial DSpace support (**@mire, AePIC**).

DSpace – customization

Basic customizations:

- design (CSS)
- metadata standards
- OAI-PMH configuration
- ...

Large changes:

- improving the code (API)
- adding new features
- using Manakin (DSpace without UI just as a repository)
 - independent on DSpace source code
 - new design and features

Support and future

- powerful players (MIT, HP, ...)
- a lot of users all around the world
 - several plugins (Tapir, DPubs, stats, ...)
- development in two branches (1.x a 2.0)
 - 1.x stable (1.5)
 - 2.0 devel (new functions, more general structures etc.)
 - backward compatibility

Thank you for your attention.