Strategy and Cooperation on Long-term Preservation in the Czech Republic

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- **Establishing nationwide and international networks**
- **Conclusion: main areas for international partnership**

Short introduction of the National Library of the CR and its key role in long-term preservation in the CR

- **National library, more than 6 million volumes** (many of them candidates for digitization)

- **Digitisation since 1992** (3 million digitized pages, plan for 300 million digitized pages)

- **Web harvesting since 2000** (150 million files)

- **Negotiations with publishers** (legal deposit also in digital form – to avoid digitization of printed legal deposit in the future)

- **National coordination of digitization and digital preservation**

- **International cooperation**

Seat of the NL

- **Klementinum (+ Hostivar) – no space after 2010, long-term preservation of printed documents endangered)**

- **New building – Letna - ?2010?, international UIA competition just finished**
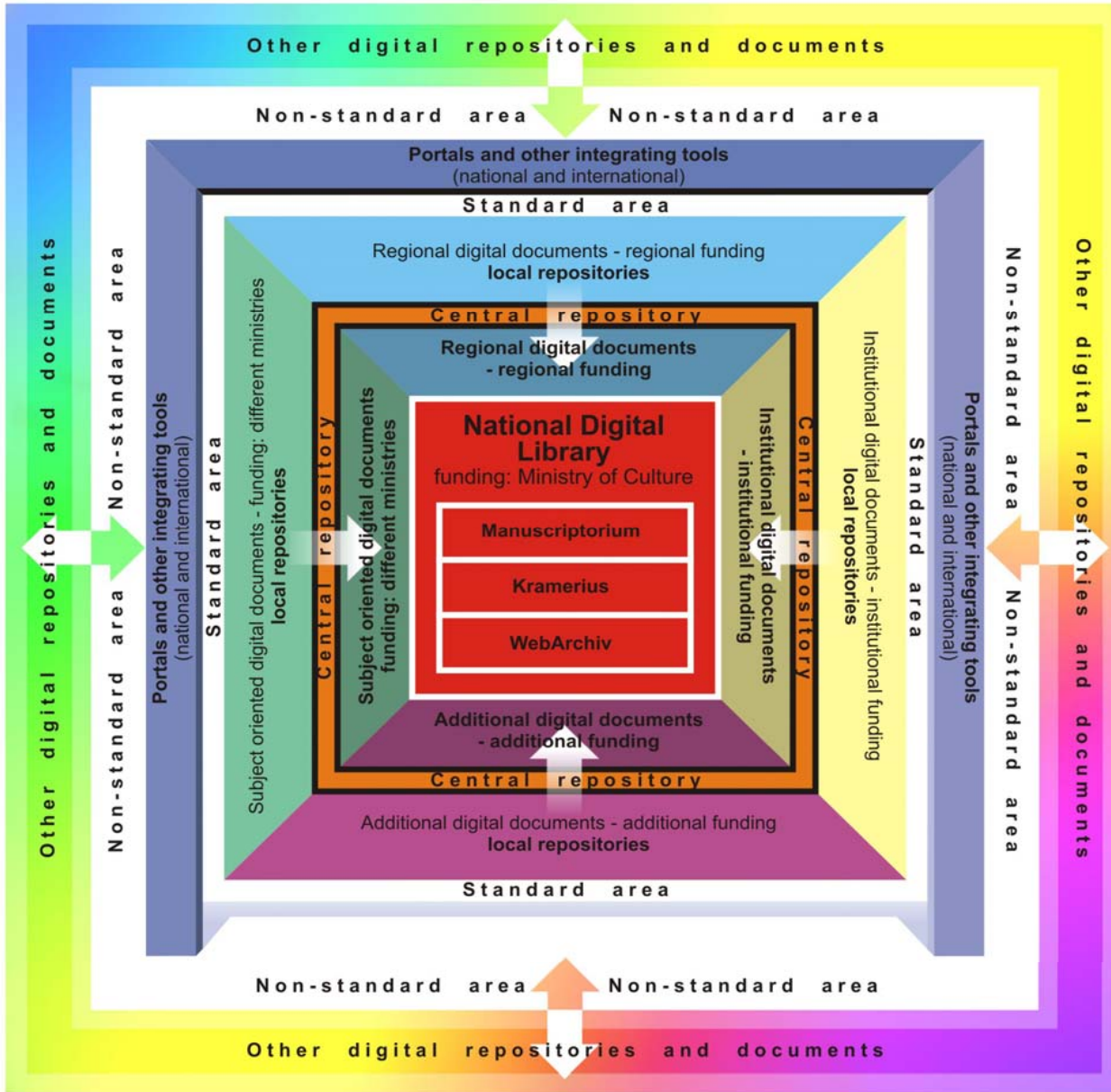
National policy

Broader context:

- **Concept of long-term preservation of and access to national document cultural heritage** (both analogue and digital) – prepared by the Ministry of Culture, to be approved by the Czech Government (delayed as result of political situation – other priorities after a long time of provisional goverment)

- **Czech Digital Library** - conceptualizes a new national integration of the different digital libraries in the CR with digital repositories of other cultural heritage and research institutions
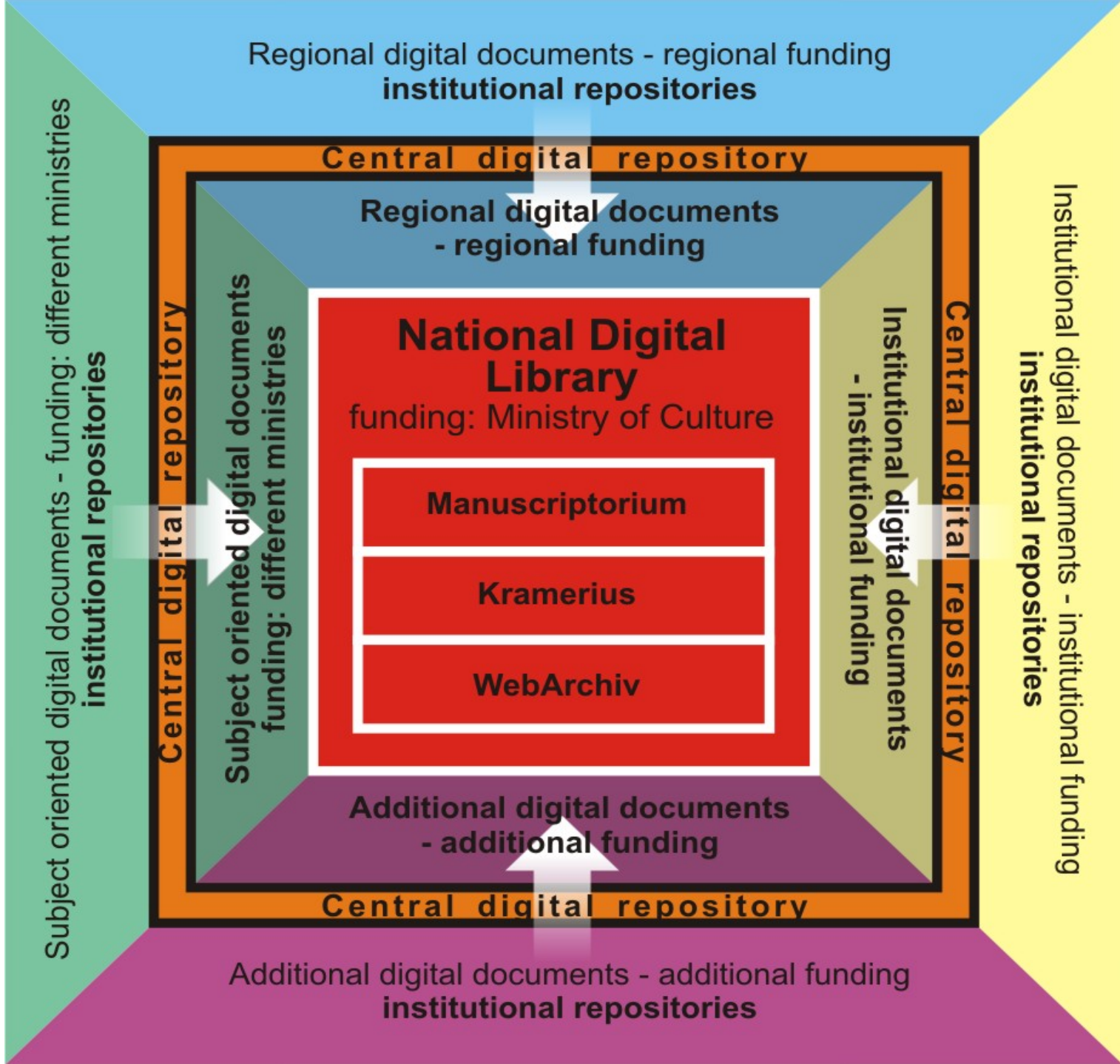
Czech Digital Library

Other digital repositories and documents

Non-standard area Non-standard area

Portals and other integrating tools
(national and international)

Standard area

Regional digital documents - regional funding
local repositories

Central repository

**Regional digital documents
- regional funding**

National Digital Library
funding: Ministry of Culture

| **Manuscriptorium** |
| **Kramerius** |
| **WebArchiv** |

Subject oriented digital documents - funding: different ministries
local repositories

Subject oriented digital documents
funding: different ministries

Central repository

Institutional digital documents
- institutional funding

Central repository

Institutional digital documents - institutional funding
local repositories

**Additional digital documents
- additional funding**

Central repository

Additional digital documents - additional funding
local repositories

Standard area

Portals and other integrating tools
(national and international)

Other digital repositories and documents

Non-standard area Non-standard area

Other digital repositories and documents

National policy

Digital preservation:

- **Central trusted repository** – national digital cultural heritage – funding Ministry of Culture (Manuscriptorium for digitised historical and rare documents, Kramerius for digitised books and periodicals, WebArchiv for archiving of web – all the projects have national framework), opportunity for others – funding from other resources

- **Institutional repositories** – subject-oriented, regional... inst. funding

Regional digital documents - regional funding
institutional repositories

Central digital repository

Regional digital documents
- regional funding

Subject oriented digital documents - funding: different ministries
institutional repositories

Central digital repository

Subject oriented digital documents
funding: different ministries

Institutional digital documents - institutional funding
institutional repositories

Central digital repository

Institutional digital documents
- institutional funding

National Digital Library

funding: Ministry of Culture

Manuscriptorium

Kramerius

WebArchiv

**Additional digital documents
- additional funding**

Central digital repository

Additional digital documents - additional funding
institutional repositories

Central repository

- **Data storage** – installation early 2007, to be extended; designed as two remote locations: two IBM System Storage DS4800 disk systems are connected through a pair of IBM System Storage SAN16B-2 fibre channel switches with CWDM GBIC configured and a pair of passive CWDM modules. Data back-up server was configured in the solution with IBM Tivoli Storage Management (TSM) software installed. Fire Wall to secure and zone particular LANs, Network Attached Server (NAS) for disk space sharing needs. Three CISCO LAN switches were installed to renew and complete LAN infrastructure

- **Central repository management system** – to be selected in 2008-9 (commercial system - ???Dias, DigiTool + Kronos???, other ???)

Institutional repositories

- **Data storage** – different solutions
- **Institutional repositories management systems** – research institutions – mainly open-source (Fedora, DSpace etc.)

National cooperation

- **National Digital Library website**
- **National Board for Digital Repositories (representatives from different libraries, observers from archives)**
- **National IT Library Board – meetings concerning digital preservation, coordination and cooperation**

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⭐ ✚ | ⓘ Úvod — Portál Národní digitální knihovna | 🏠 ▾ 🔊 ▾ 🖶 ▾ 📄 Page ▾ ⚙ Tools ▾

⚠ This website wants to run the following add-on: 'MSXML 5.0' from 'Microsoft Corporation (unverified publisher)'. If you trust the website and the add-on and want to allow it to run, click here... ✕

MAPA PORTÁLU   PŘÍSTUPNOST   NAPIŠTE NÁM

NDK
Národní digitální knihovna
Národní digitální knihovna

🔍 VYHLEDAT

| ÚVOD | NDK | KONCEPCE | ČESKÉ DK A REPOZITÁŘE | ZAHRANIČNÍ DK A REPOZITÁŘE | DOKUMENTY | AKCE |

: PŘIHLÁŠENÍ

NACHÁZÍTE SE ZDE: ÚVOD

NAVIGACE

- ⊙ Úvod
- 📁 Národní digitální knihovna
- 📁 Koncepce
- 📁 Publikace
- 📁 České DK a repozitáře
- 📁 Zahraniční DK a repozitáře
- 📁 Novinky
- 📁 Pracovní skupina
- 📁 Dokumenty
- 📁 Akce

Úvod

Autor: Bohdana Stoklasová — Poslední změna: Pondělí 09.10.2006 14:30

Národní digitální knihovna vzniká postupně v širším kontextu České digitální knihovny. Postavení Národní digitální knihovny jako jádra České digitální knihovny i její vztah k ostatním subsystémům názorně vysvětlují grafické vyjádření a komentář k němu. Vzhledem ke snaze o snadné propojení Národní digitální knihovny na další subsystémy České digitální knihovny a na mezinárodní kontext naleznete na těchto stránkách i informace tematicky přesahující problematiku Národní digitální knihovny.

Česká digitální knihovna

Národní digitální knihovna (uprostřed) je tvořena vybraným souborem publikovaných digitálních i digitalizovaných dokumentů kvalifikovaných jako základ národního kulturního dědictví určeného k trvalému uchování a zpřístupnění současným i budoucím

http://www.ndk.cz/dk_diagram_velky.jpg   Internet   🔍 100%

Sustainability

- **Digital preservation can not be covered from regular budgets of memory or research institutions**

- **Based on grants – limited for several years, sometimes even for one year, problem of continuity and sustainability**

- **National concept of long-term preservation – sustainability for the central repository (core of the national digital cultural heritage)**

- **??? Institutional repositories ???**

Standardisation

- **Container: METS - new**
- **Descriptive metadata – coordination on national level, long tradition, based on international standards (DC, MARCXML, MODS)**
- **Administrative metadata - new:**
  - **Technical metadata: PREMIS-object, MIX**
  - **Rights metadata: PREMIS-rights for administrative rights, METS-rights for intellectual property rights**
  - **Digital provenance metadata: PREMIS-events**

Standardisation

Present situation

- **Proposal – mounted on National Digital Library website for comments of the National Board for Digital Repositories and the National IT Library Board**

- **Tested on Kramerius**

- **Consulted abroad**

International cooperation

- **Consultations (different countries in Europe and other continents)**
- **Visits (Germany, Netherlands, Austria, Sweden, ??? New Zeland???)**
- **Conferences, seminars, workshops**
- **European projects**

Establishing nationwide and international networks

- **National level:** National Digital Library website, National Board for Digital Repositories, National IT Library Board, conferences and seminars (libraries, archives, museums – Archives, libraries and museums in digital world)

- **International level:** DPE (CASPAR, PLANETS) as a good background

Conclusion:main areas for international partnership

- **Promotion of importance of digital preservation** – good examples from other countries extremely helpful
- **Standards** – development and experience with their implementation and using in real life
- **Systems** – development and experience with their implementation and using in real life
- **Certification of trusted repositories** – good uniform guidelines for both self-evaluation and external audits
- **Exchanges** – sharing experience, building networks