TIPS

An integrated service provider
over open archives

Basic idea

- Work the way you work
- Desk- and palm-top easy access
- Over open archives
- Open integration of service providers
- Target (test) community: HEP

TIPS project

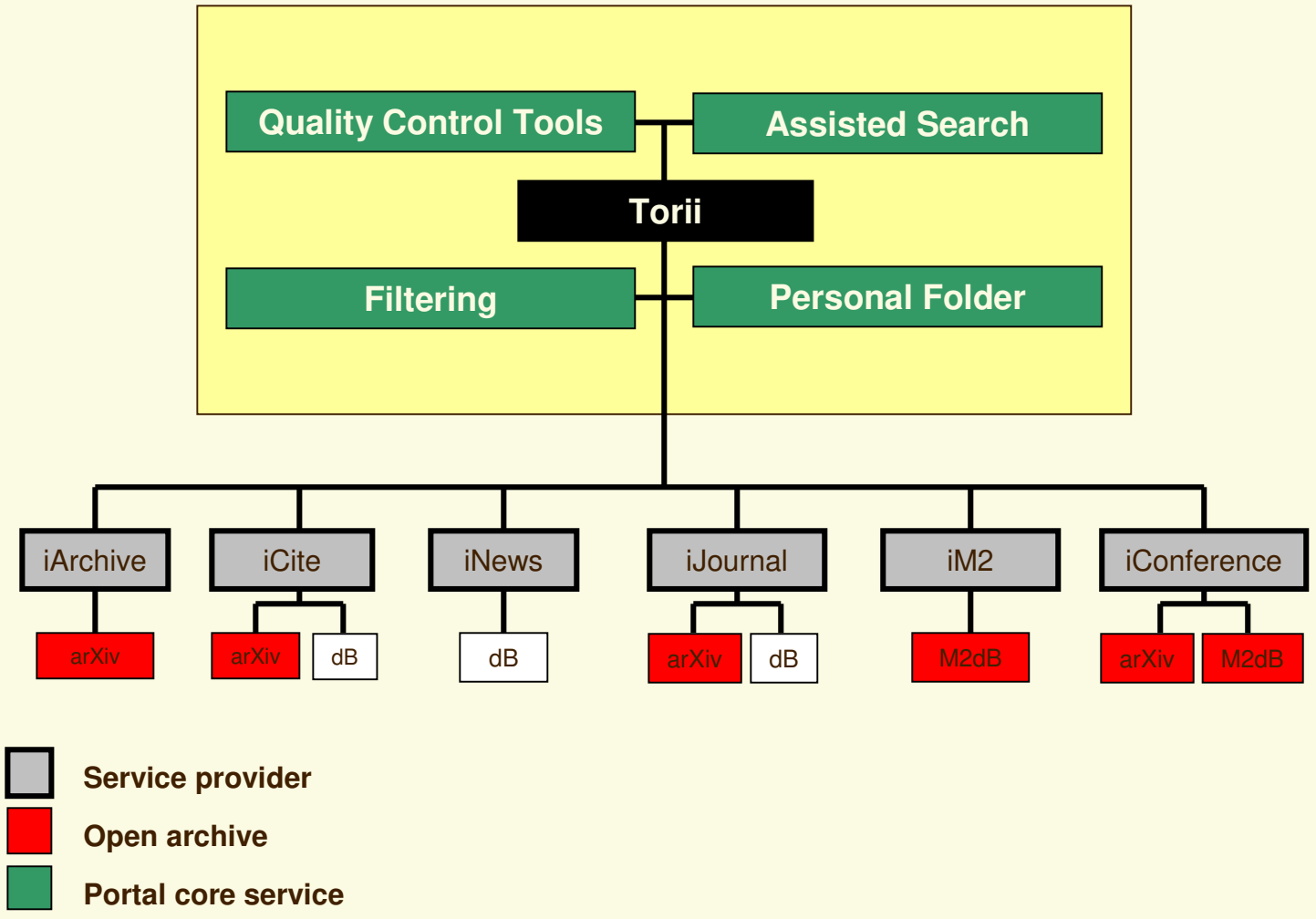
- European Union 5th framework

  IST-1999-10419

  http://tips.sissa.it

- Trieste, I (SISSA)
- Udine, I (University)
- London, UK (City University)
- Grenoble, F (IMAG)
- Geneva, CH (CERN)
- Bristol, UK (IoP)

Portal structure



Open archives

- arXiv (pre-print archive, running since 1992)
- M2dB (multimedia archive, starting April 2001)

Other databases

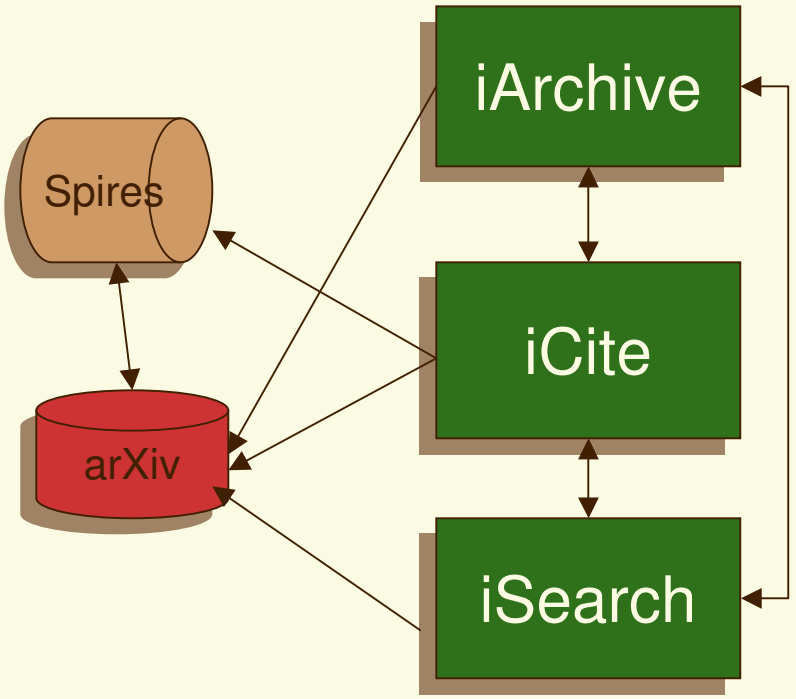
- Meta-data repositories (Spires, CERN,…)
- Journals (JHEP, Phys. Rev., …)
- Commercial publishers (IoP, Elsevier, …)
- Etc.

Services

- iArchive (access provider)
- iCite (citation harvesting)
- iSearch (search engine)
- iM2 (multimedia broker)
- iConference (internet conference provider)
- iJournal (review service)
- iNews (news service)

Interplay among iServices

example: Search powered by iCite and accessible via WAP



Core portal services

- Registration and sign-in
- Personal Folder
- Cognitive Filtering
- Social Filtering
- Quality Control Tools
- Advanced (Assisted) Search

Road Map

- Torii: An open portal for the High Energy Physics community
- Road map:
  - April 2001: Version 0.5 online
  - June 2002: Version 1.0 online