

# The European Repositories Landscape – The view from 20,000 feet

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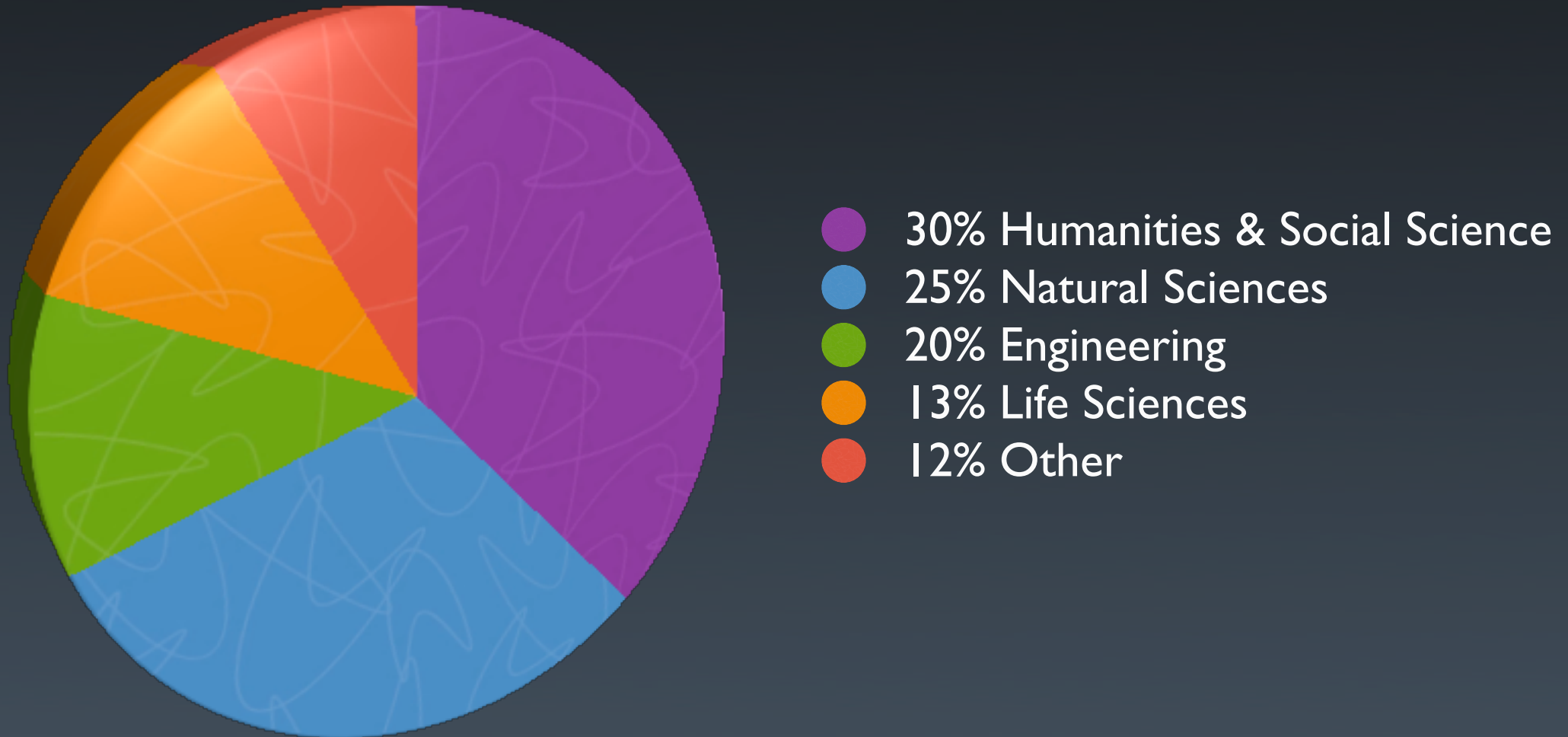
# Europe Overall

- Evidence produced by the DRIVER Project
  - Digital Repository Infrastructure Vision for European Research
- 3 Key Reports
  - The European Repository Landscape
  - Investigative Study of Standards ...
  - DRIVER's Guide to European Repositories
- <http://www.driver-community.eu/> >

# DRIVER Evidence 1: Penetration, Type

- Respondents –
  - 70% > 1 repository, 23% > 1+, 7% Outsourced
  - Majority full text, eg: articles, theses, working papers, books
  - Minority metadata of those materials without full-text
  - Small minority contain non textual – video, images, data sets
- Content Type
  - 53% Journal articles
  - 18% Book/s/chapters
  - 30% "Grey literature"
    - Articles – published and post-print version dominant type

# DRIVER Evidence 2: Discipline Division



95% of respondents access type – Open Access

# DRIVER: European "Desirable Services"

- Top 3 – selected by >33%
  - General search engines, gateways and portals
  - Disciplinary and thematic search engines, gateways and portals
  - Citation index services
- Next 3...
  - Preservation services
  - Advisory services – Open Access advocacy
  - Usage statistic services

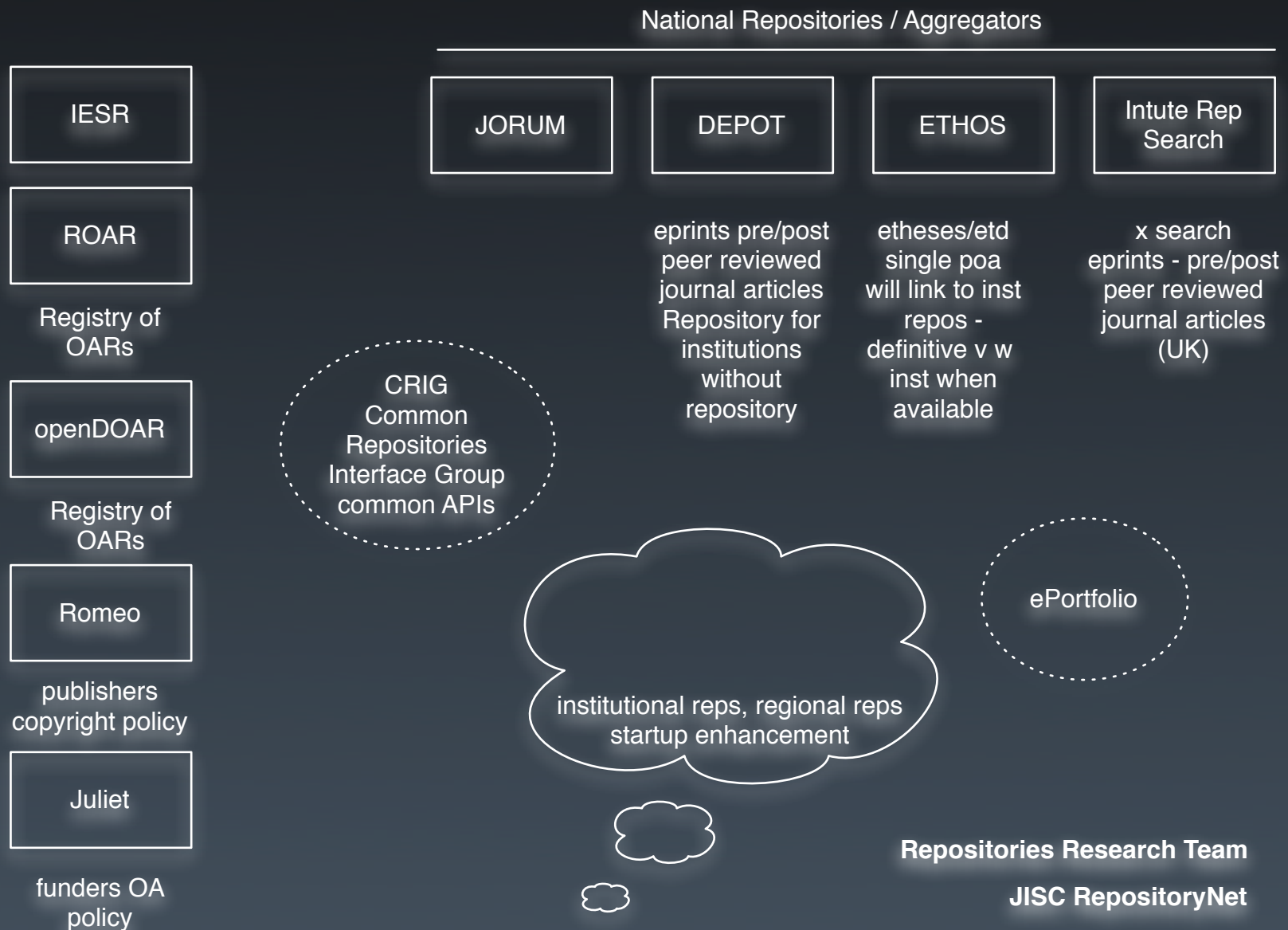
# However, nota bene ...

- DRIVER defines a Digital repository as
  - Containing research results
  - Institutional and/or thematic
  - OAI-PMH Compliant
- There are other definitions ...
  - Even where the target was a **research** repository, DRIVER quantitative analysis responses: 5% "learning materials+"
  - UK examples, EPrints for LO at Southampton, York multimedia etc
- Growth of open educational resources in Europe
- Growth of media specific repositories in Europe

# Preservation activity @ European Level

- Planets, Caspar, DP Europe; Pan European projects
  - Mainly Higher Ed and National Libraries
- DPE – Advocacy role, risk management toolkits
  - <http://www.digitalpreservationeurope.eu/>
- CASPAR – Impact of preservation on activity lifecycle
  - <http://www.casparpreserves.eu/>
- Planets – Technical infrastructure enablers of preservation
  - <http://www.planets-project.eu/>
  - SOA/Web Services infrastructure preservation services
  - Assumption that DP has to be a distributed activity

# UK – Emerging Infrastructure



[http://www.jisc.ac.uk/whatwedo/programmes/programme\\_rep\\_pres.aspx](http://www.jisc.ac.uk/whatwedo/programmes/programme_rep_pres.aspx)

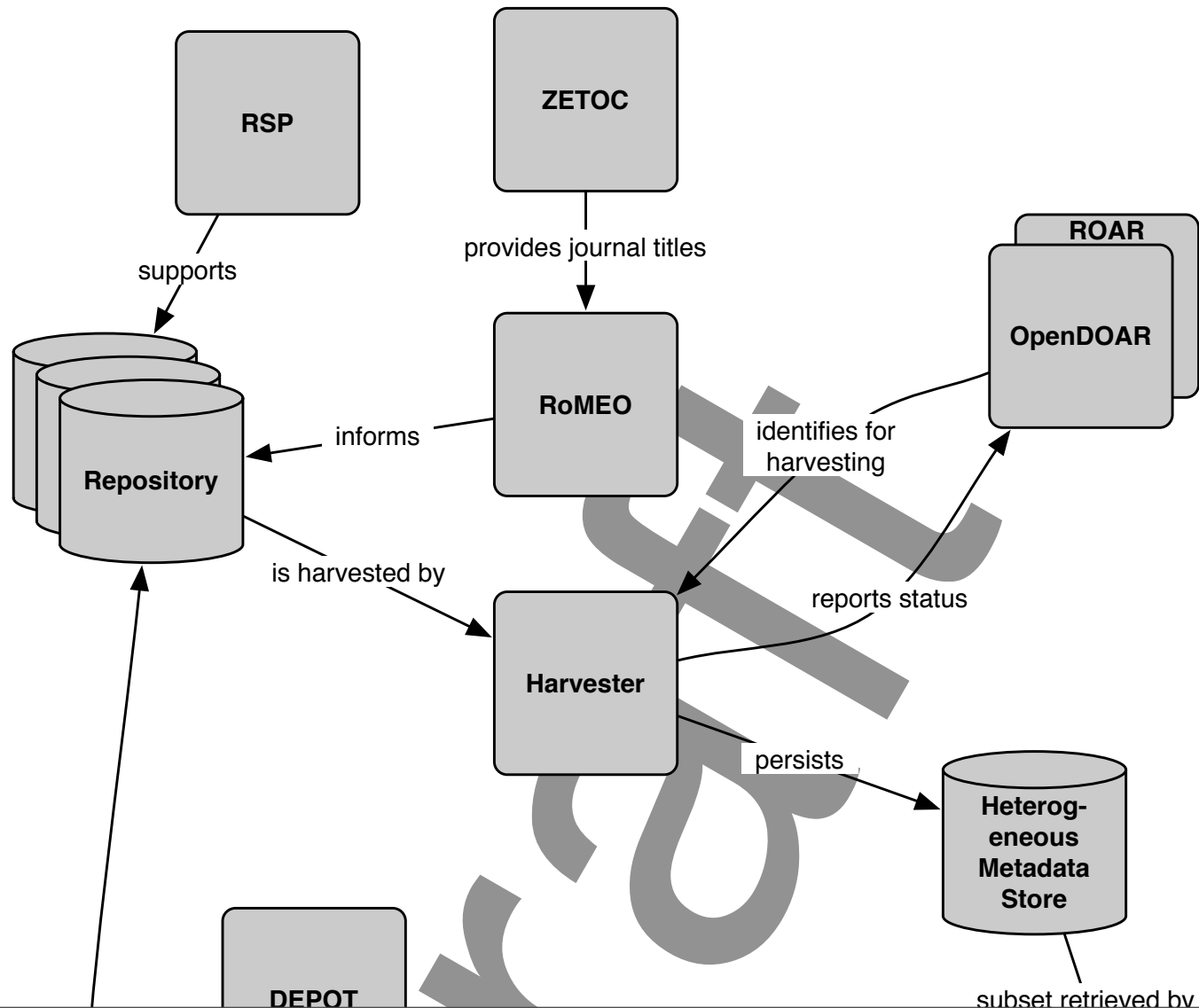
[http://www.jisc.ac.uk/whatwedo/programmes/programme\\_rep\\_pres/repositories\\_sue.aspx](http://www.jisc.ac.uk/whatwedo/programmes/programme_rep_pres/repositories_sue.aspx)



# UK – Mapping business functions...

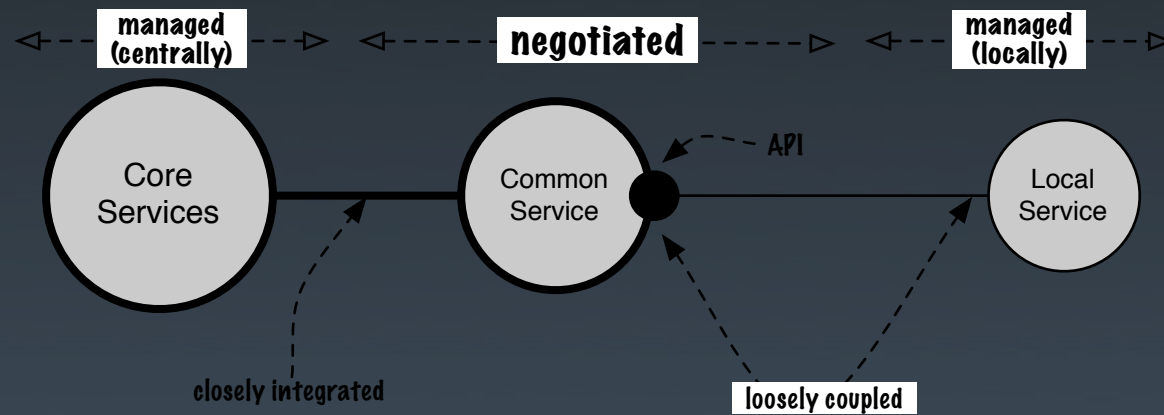
Thanks to Paul Walk, UKOLN

FIGURE 3: BUSINESS FUNCTIONS SUPPORTING USER-FACING SEARCH



# UK – Negotiating the joins...

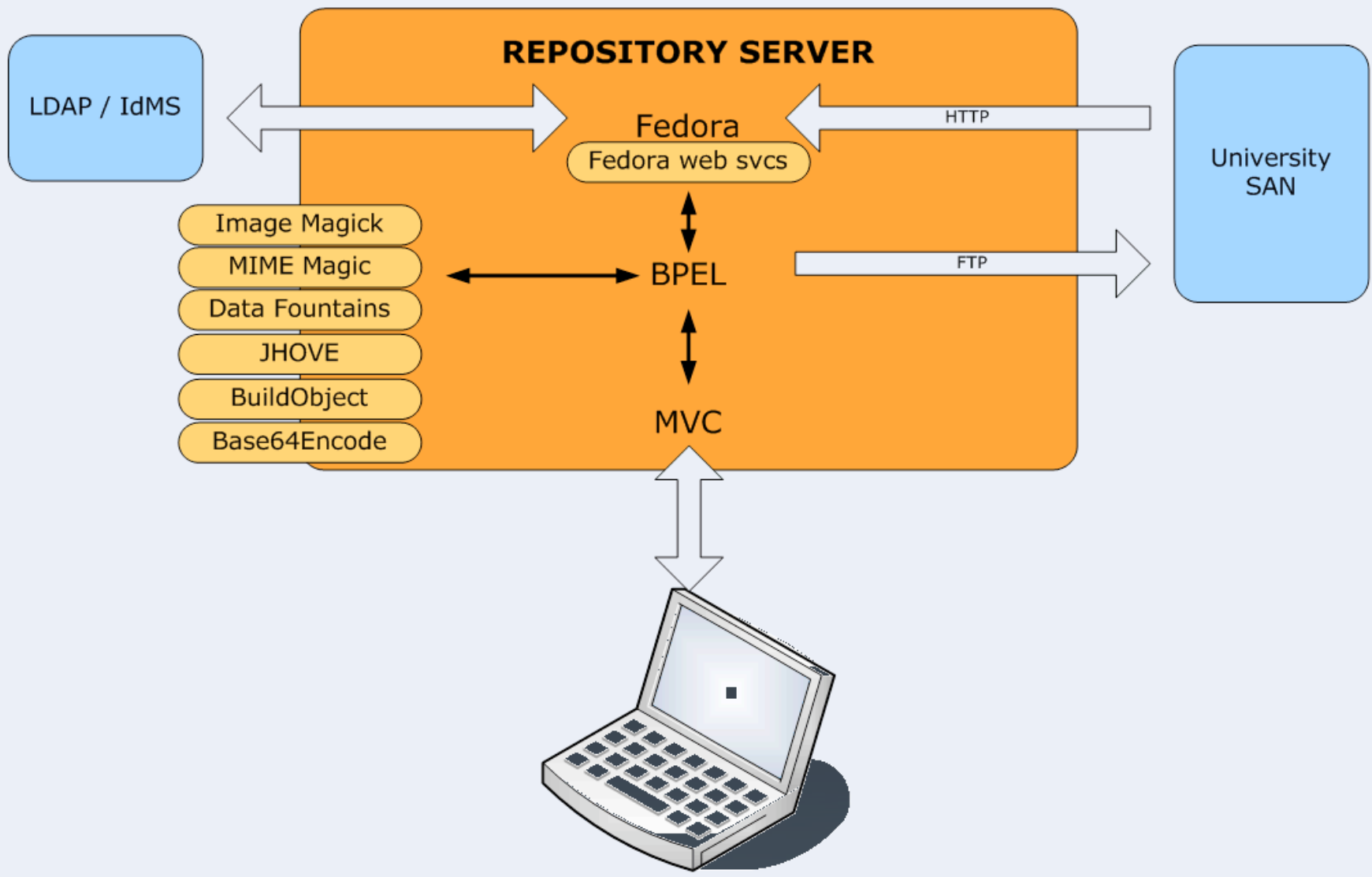
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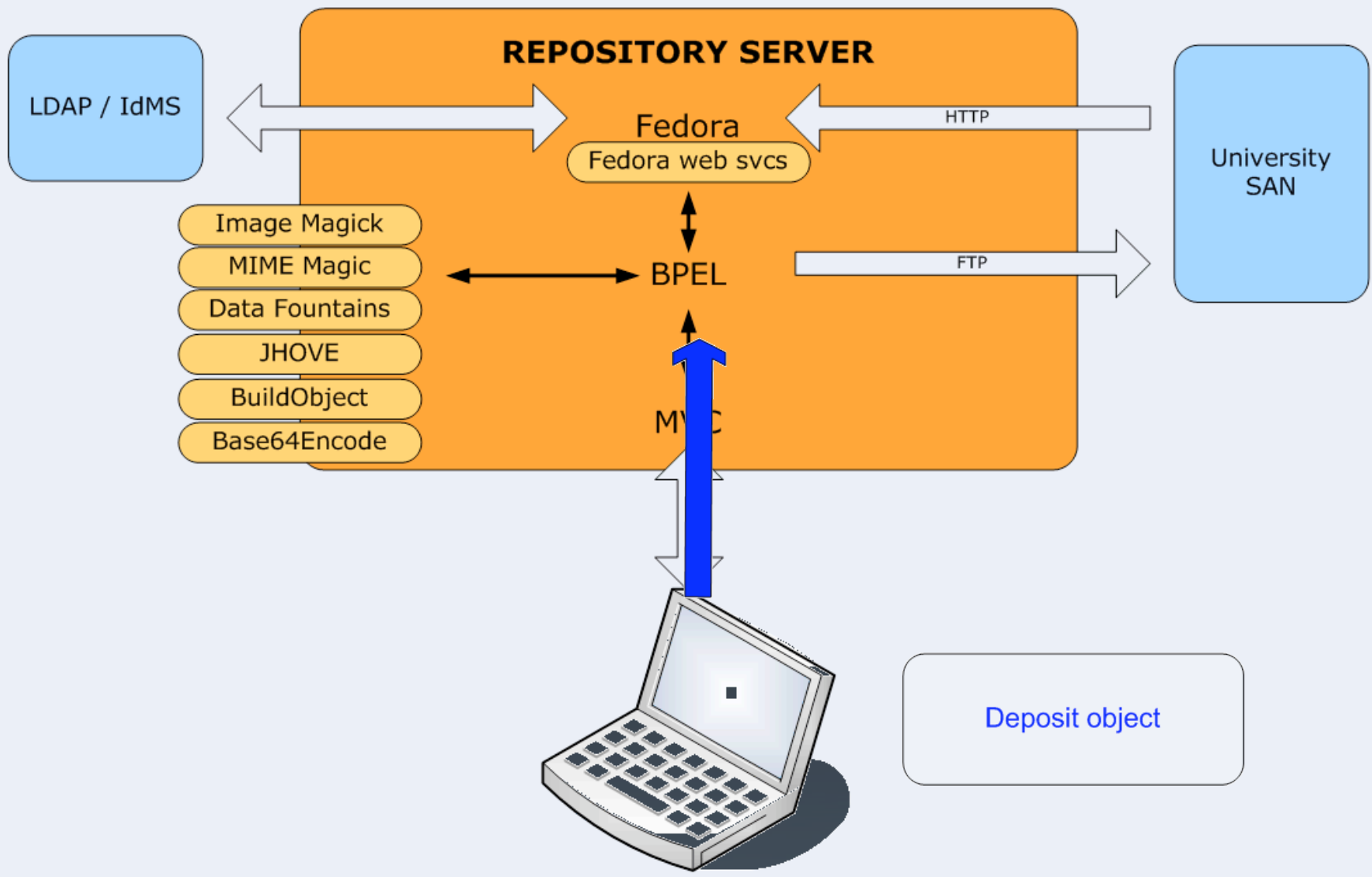


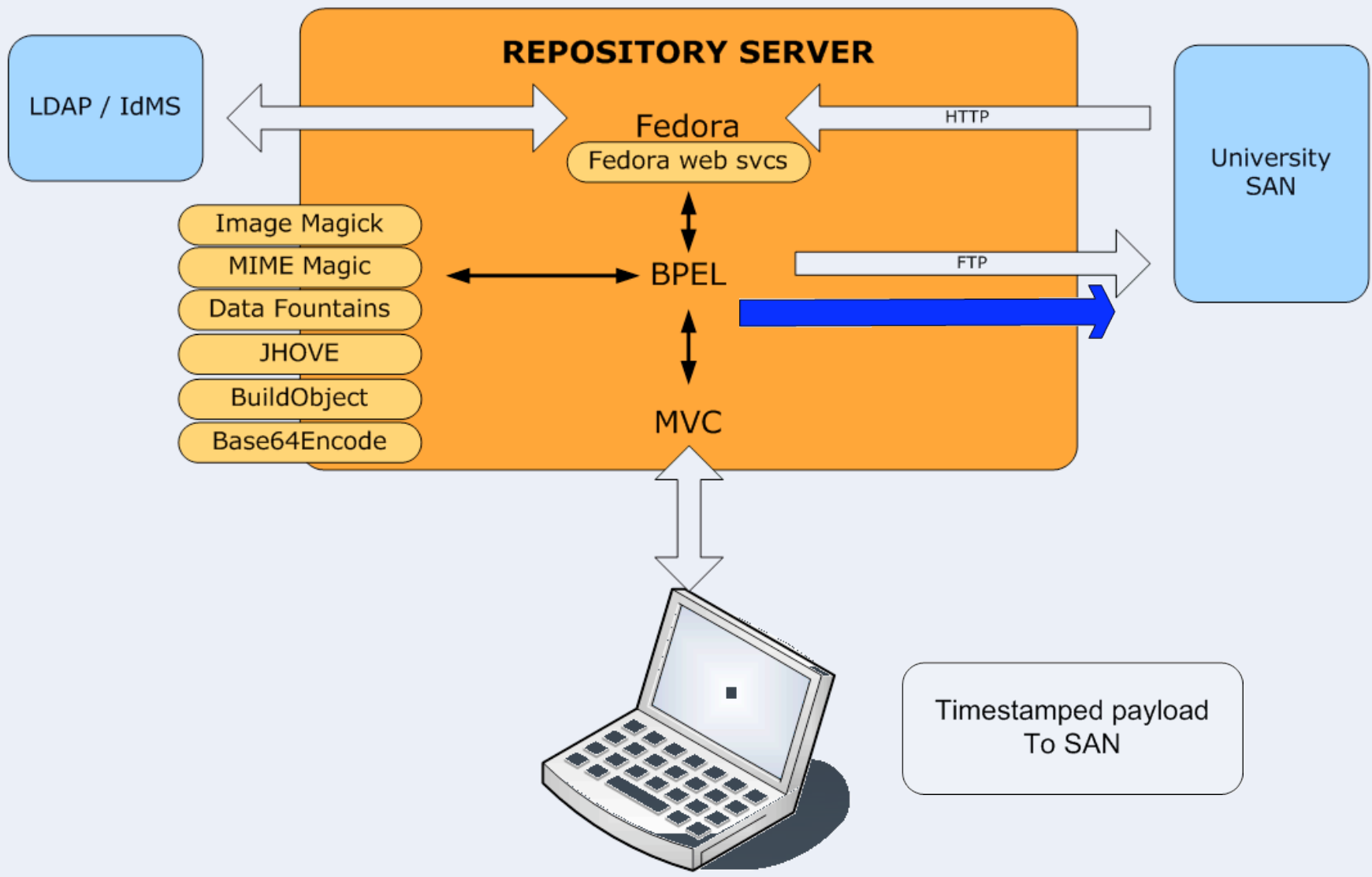
# Directions: Integration with \*flow

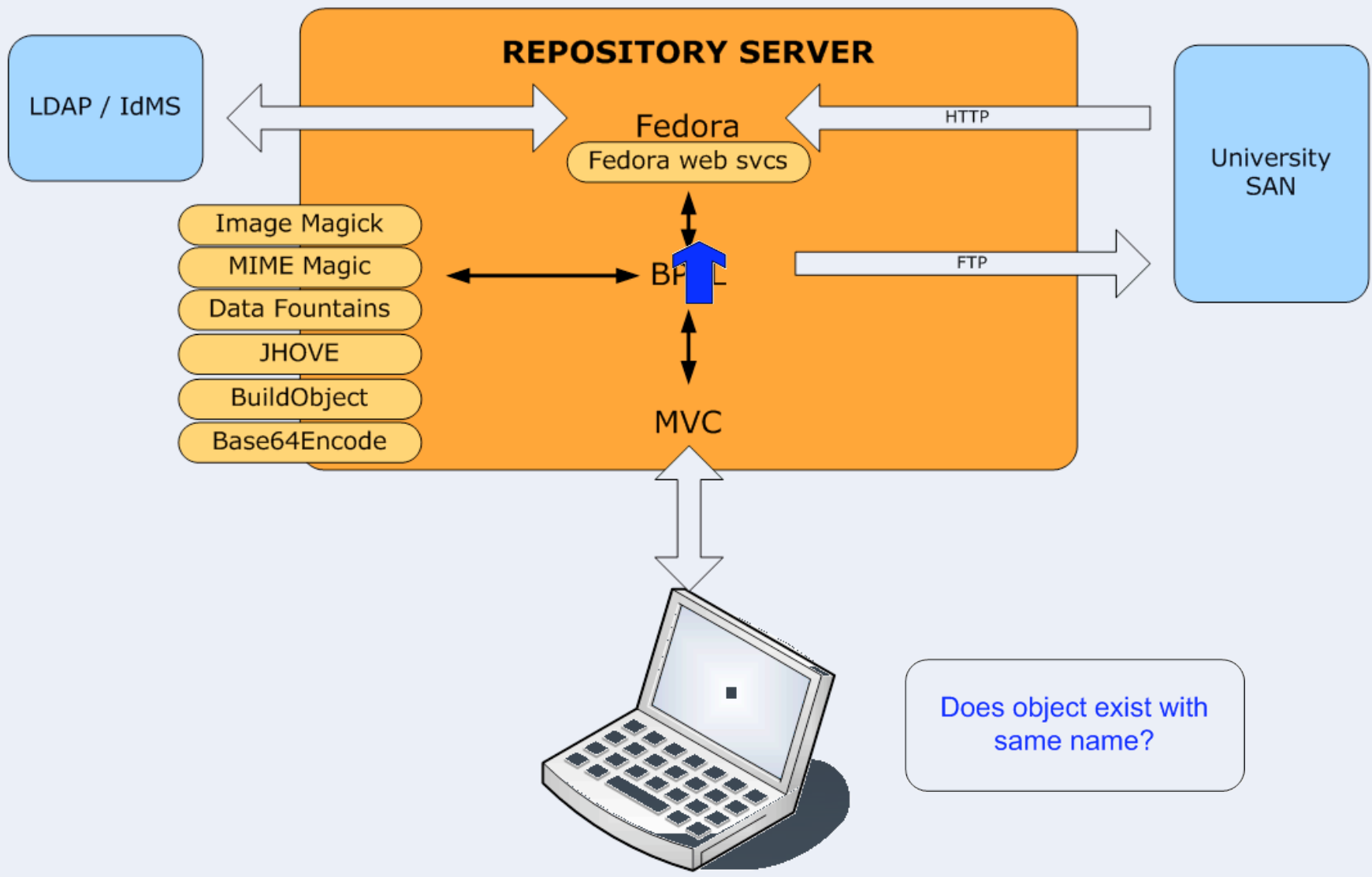
- Institutional level; integration with \*flow a priority
  - Virtual Research Environment
  - Virtual Learning Environment/Learning Management System
  - Administrative purposes (eg. UK Freedom of Information Act)
- Two perspectives of “repository”
  - An application with defined functionality (cf DRIVER)
  - A bunch of services which form part of an infrastructure
- **Not** an either/or choice – flexibility is key
- Cambridge–Sakai/DSpace, Hull–uPortal/Sakai/Fedora
- Is the application or environment receptive?



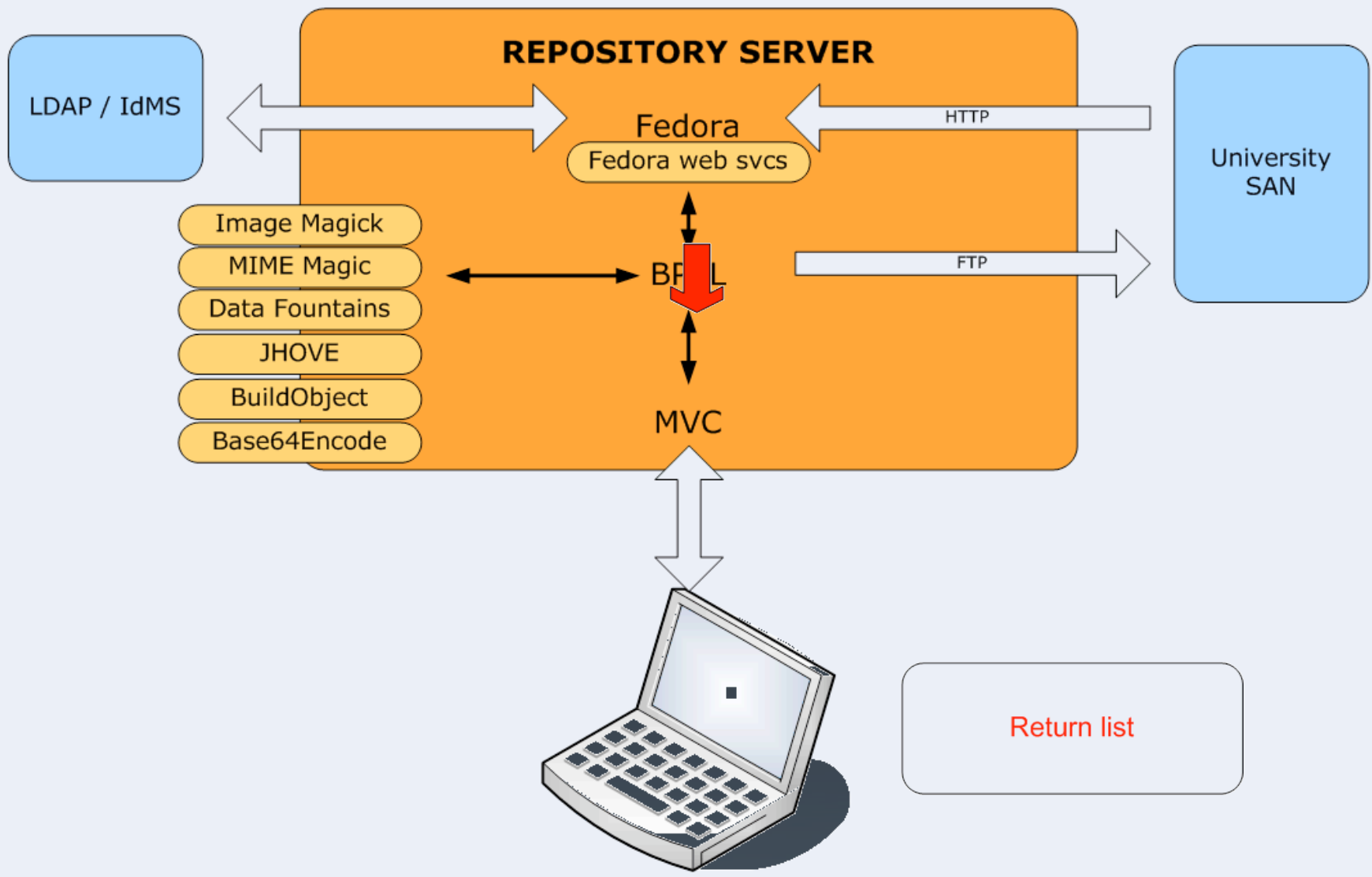


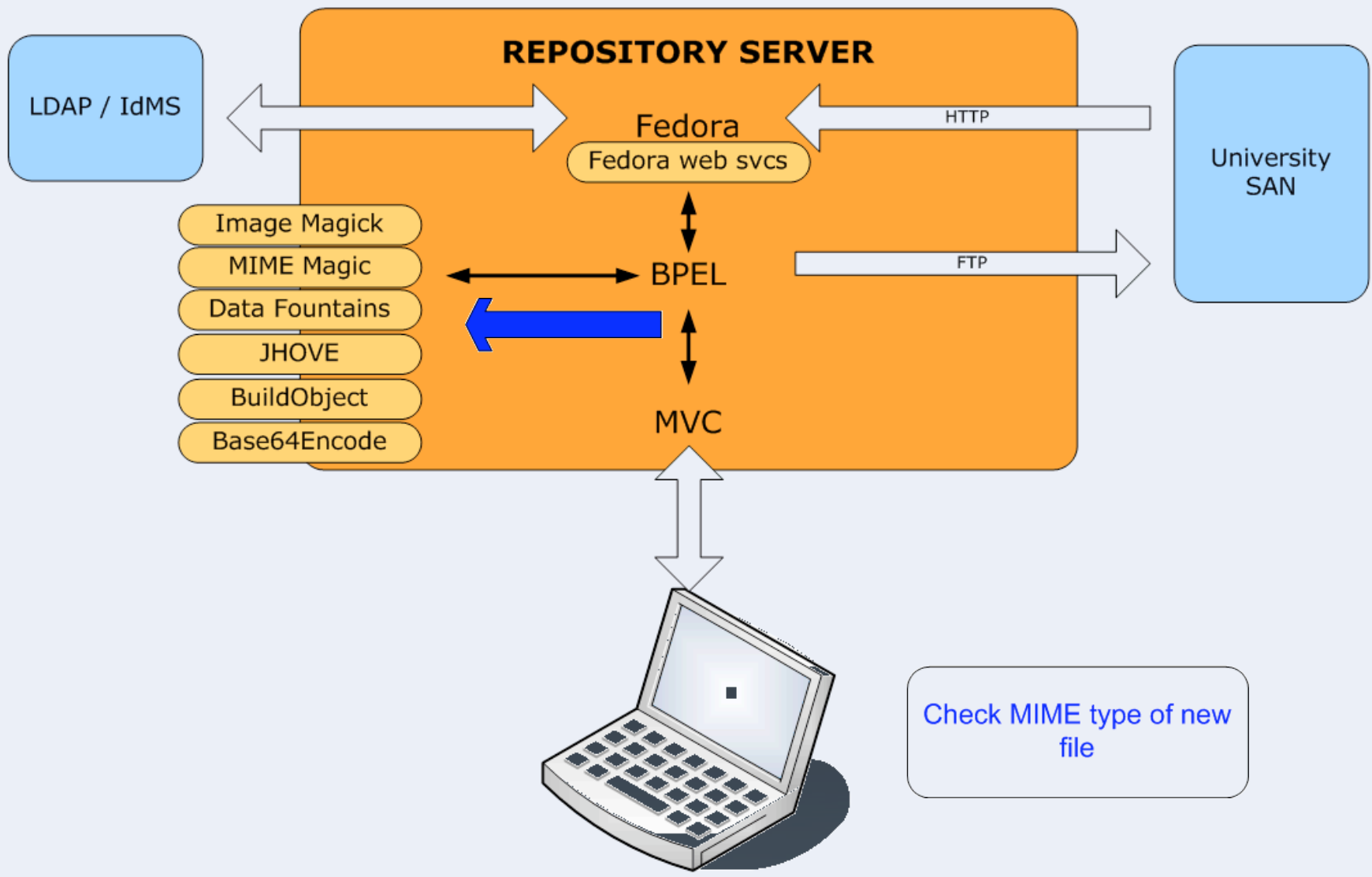


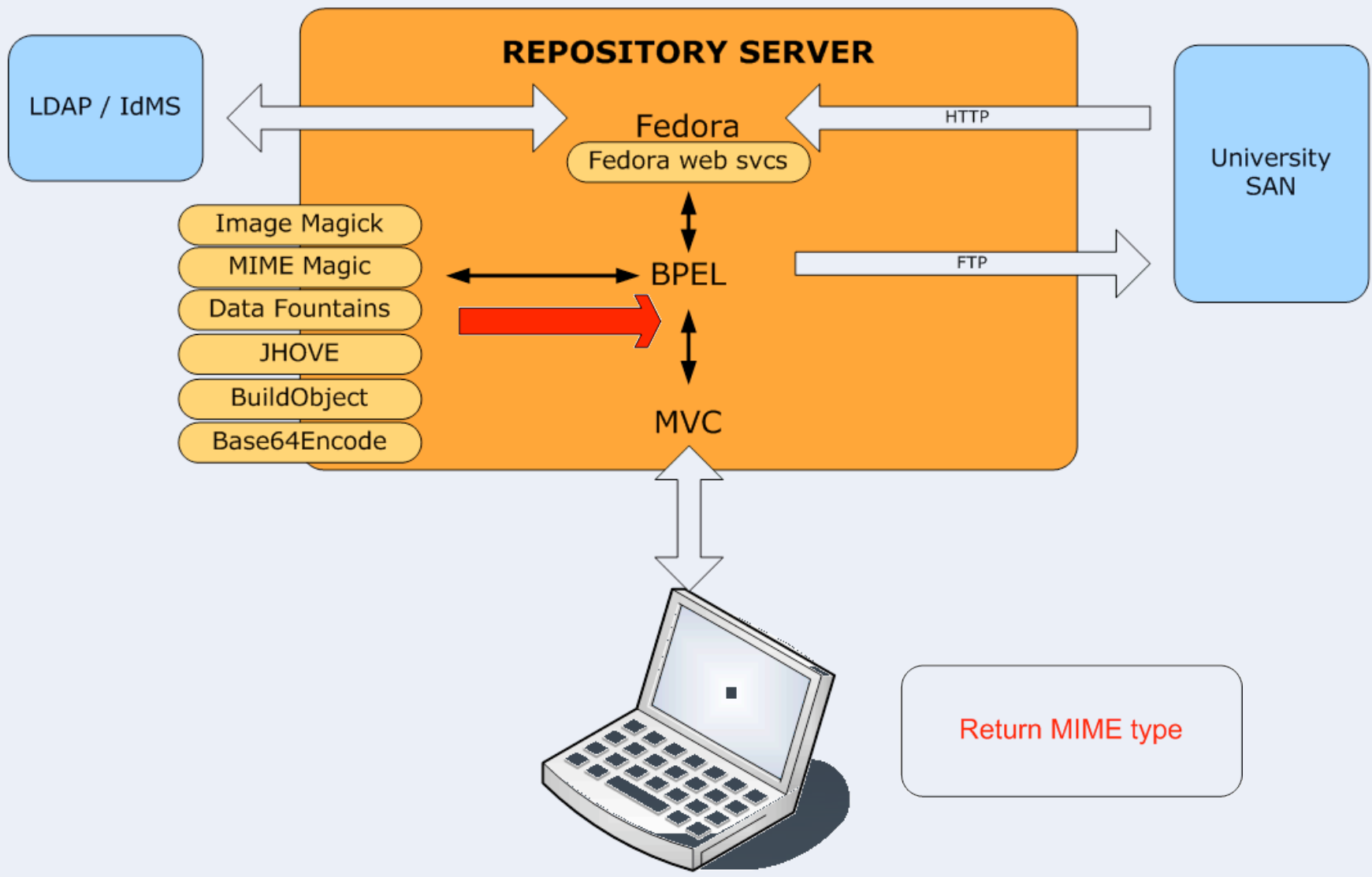


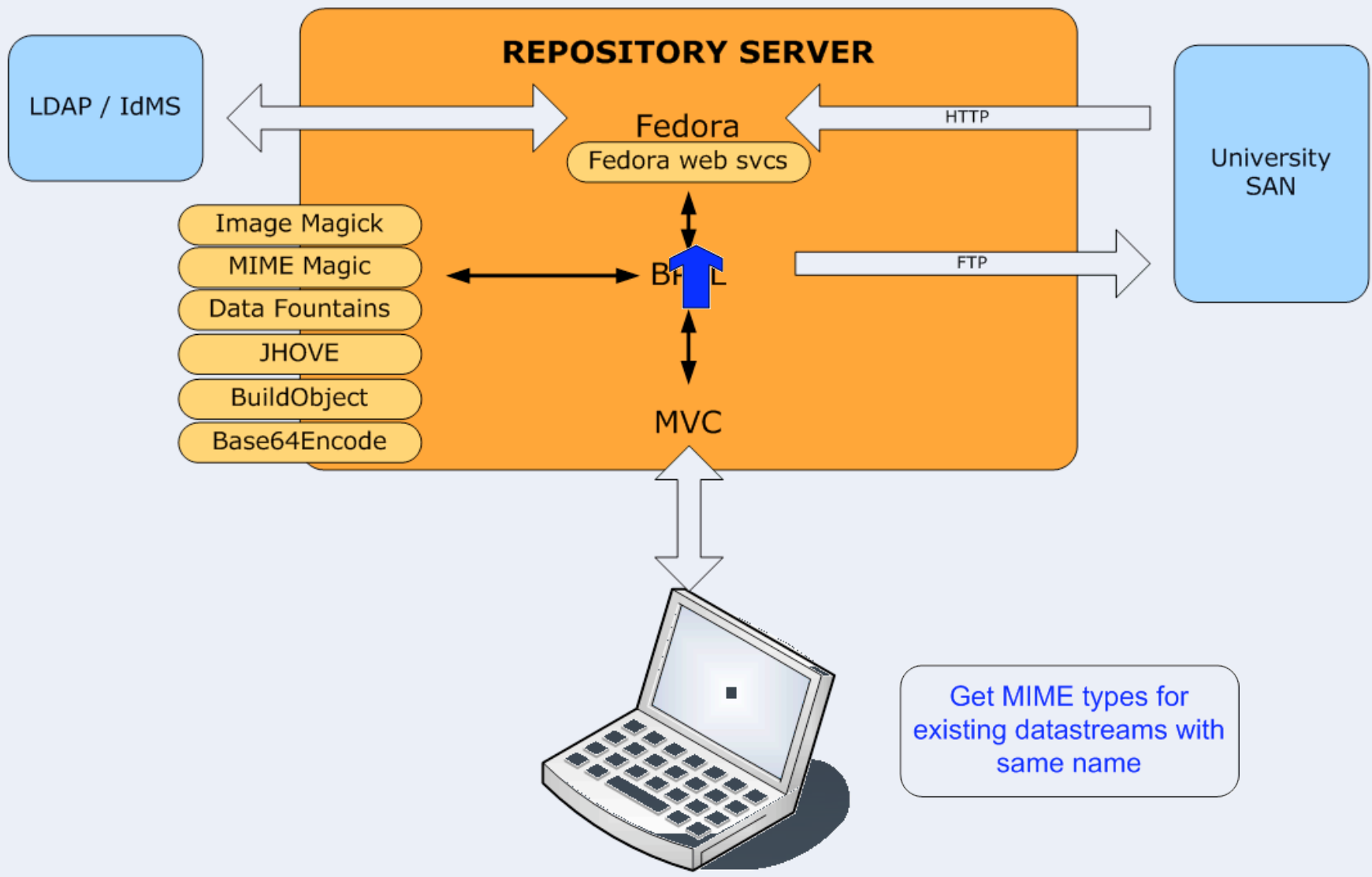


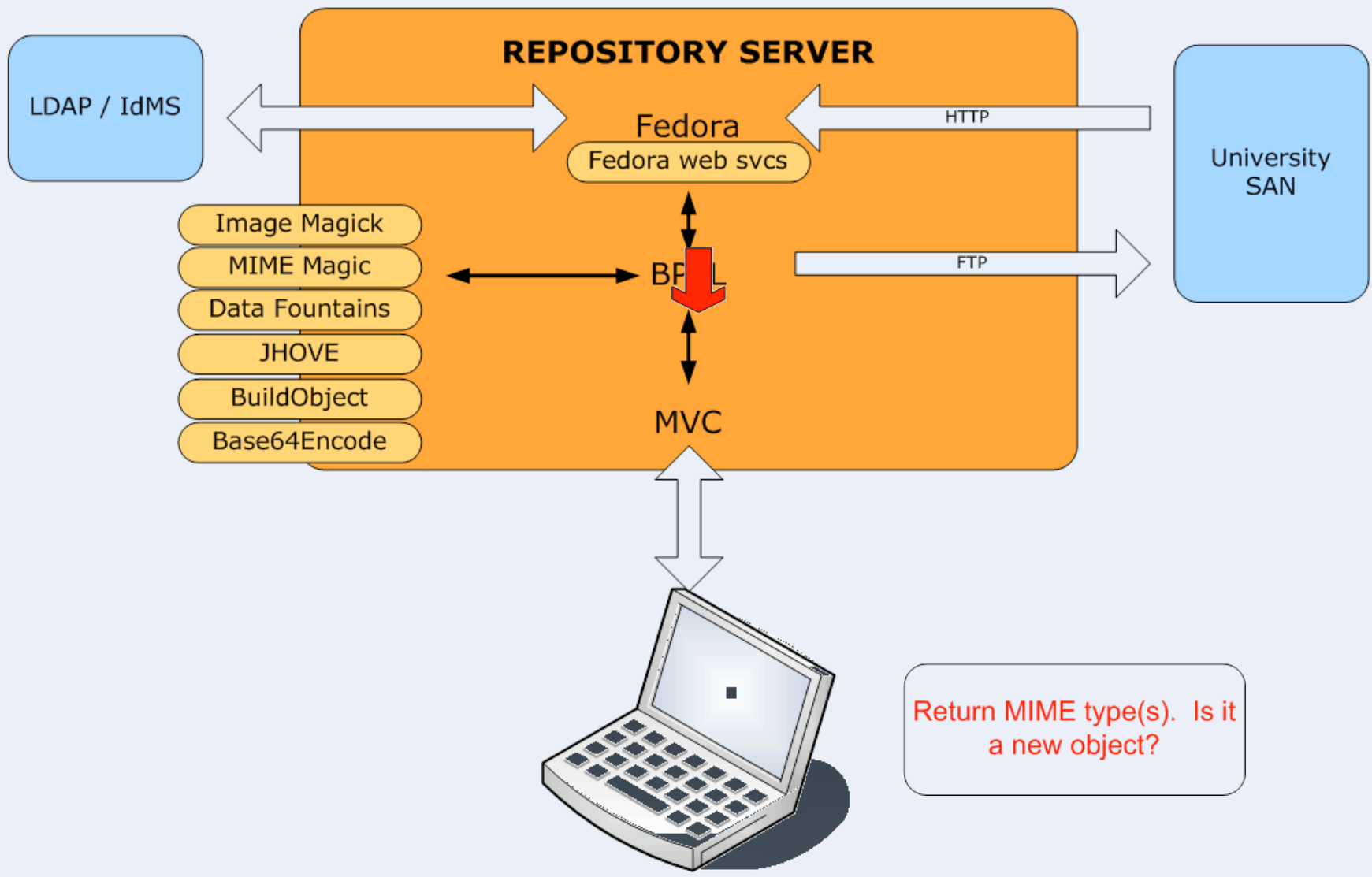


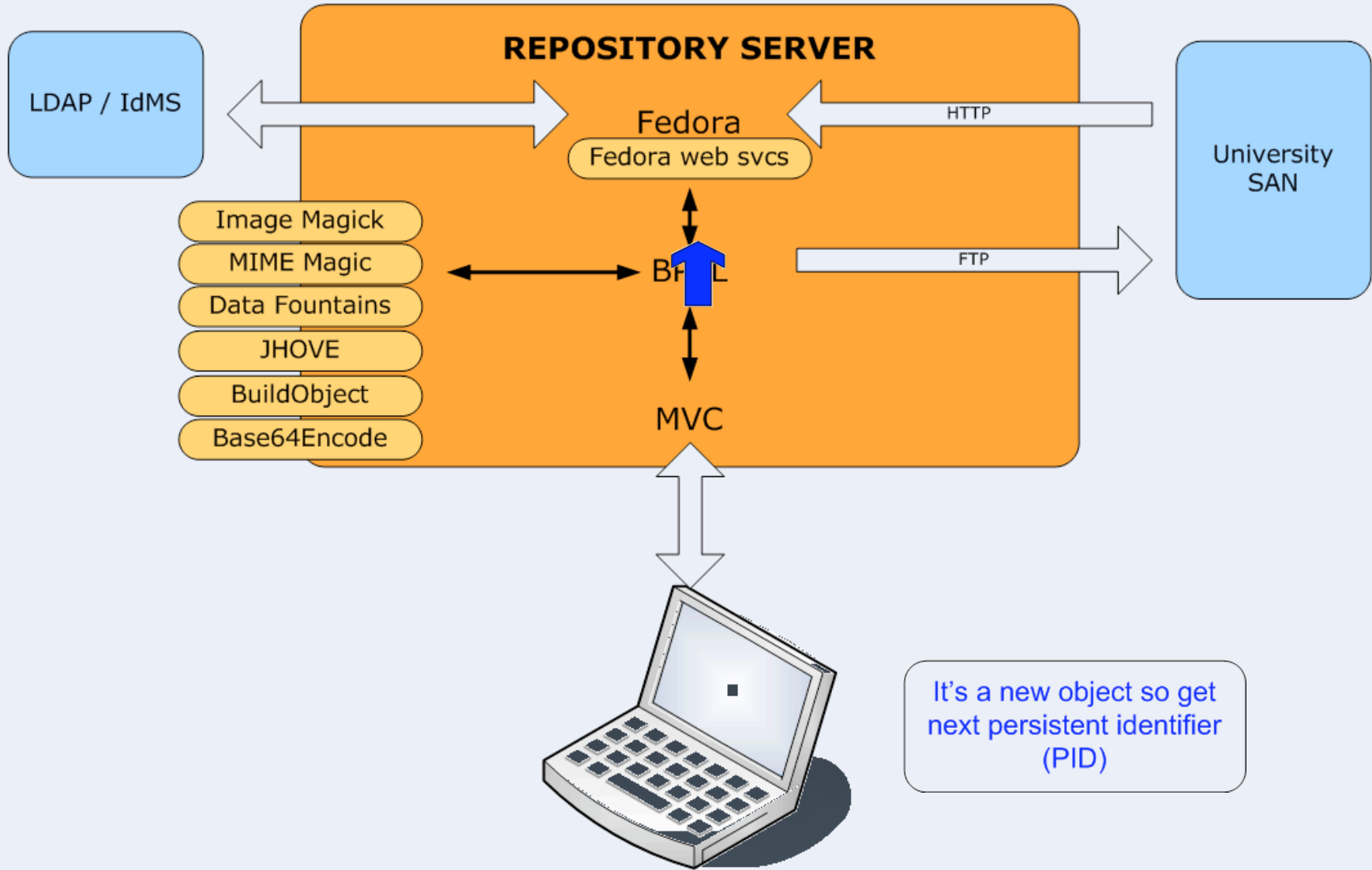


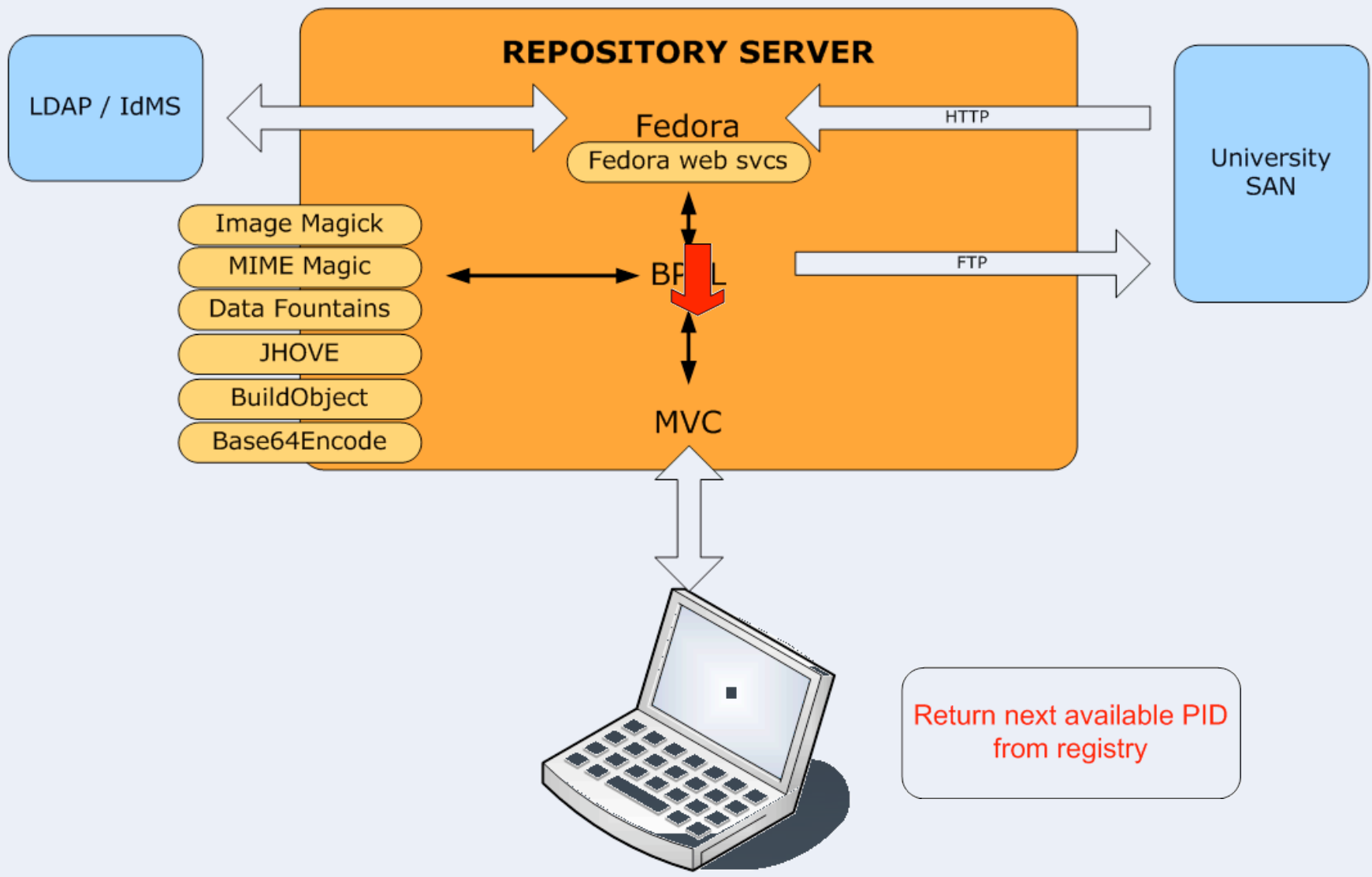


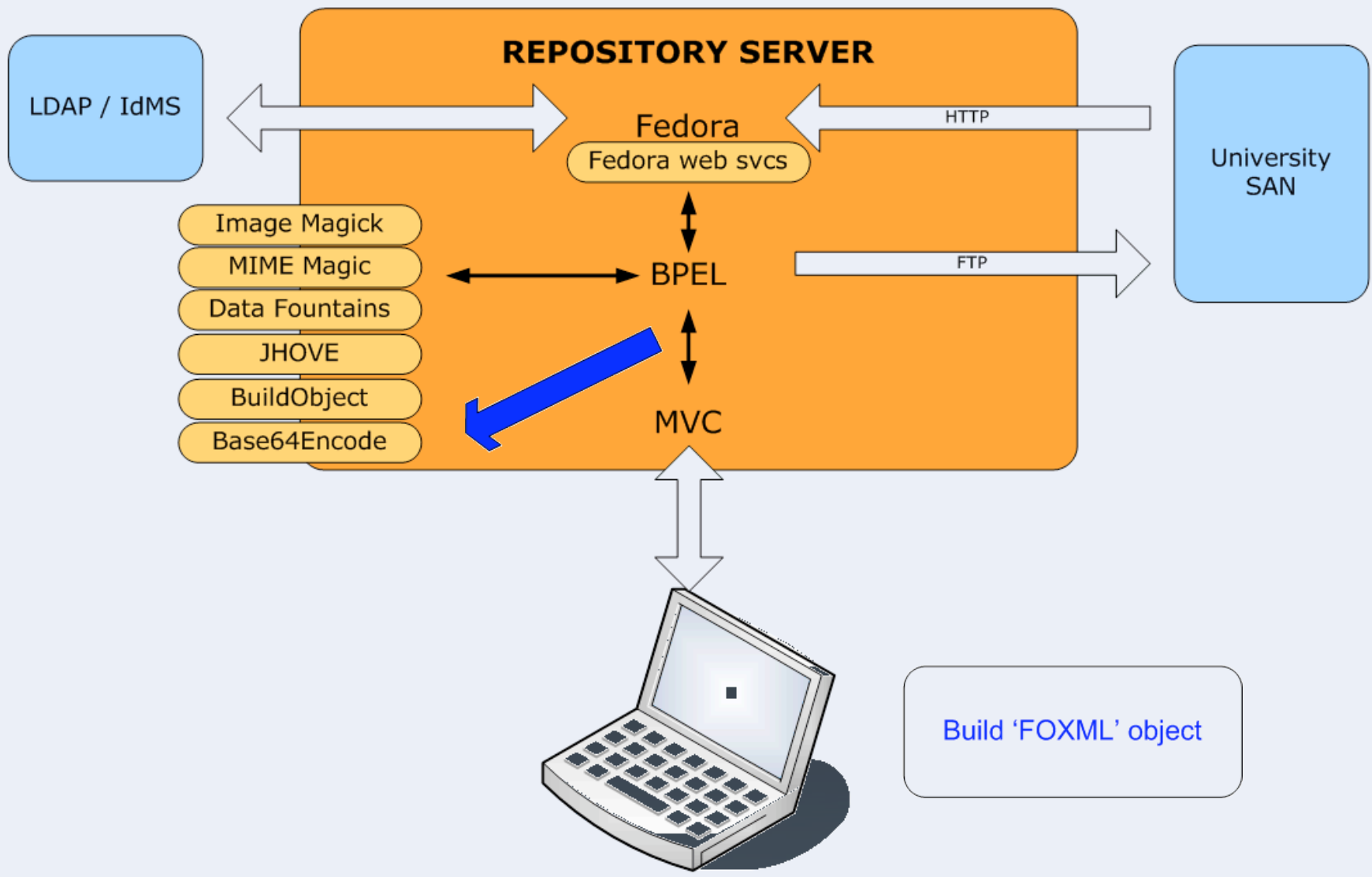




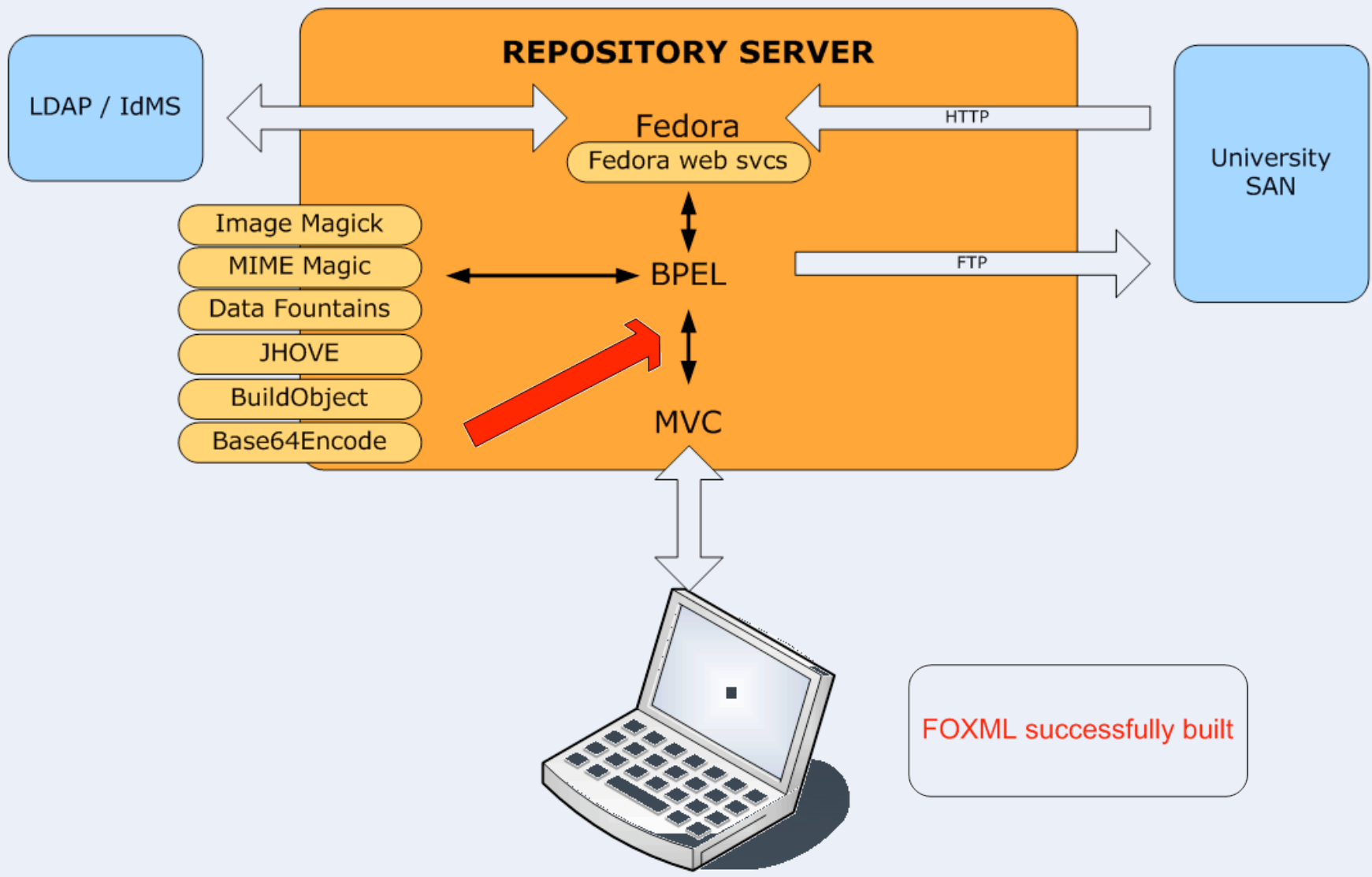


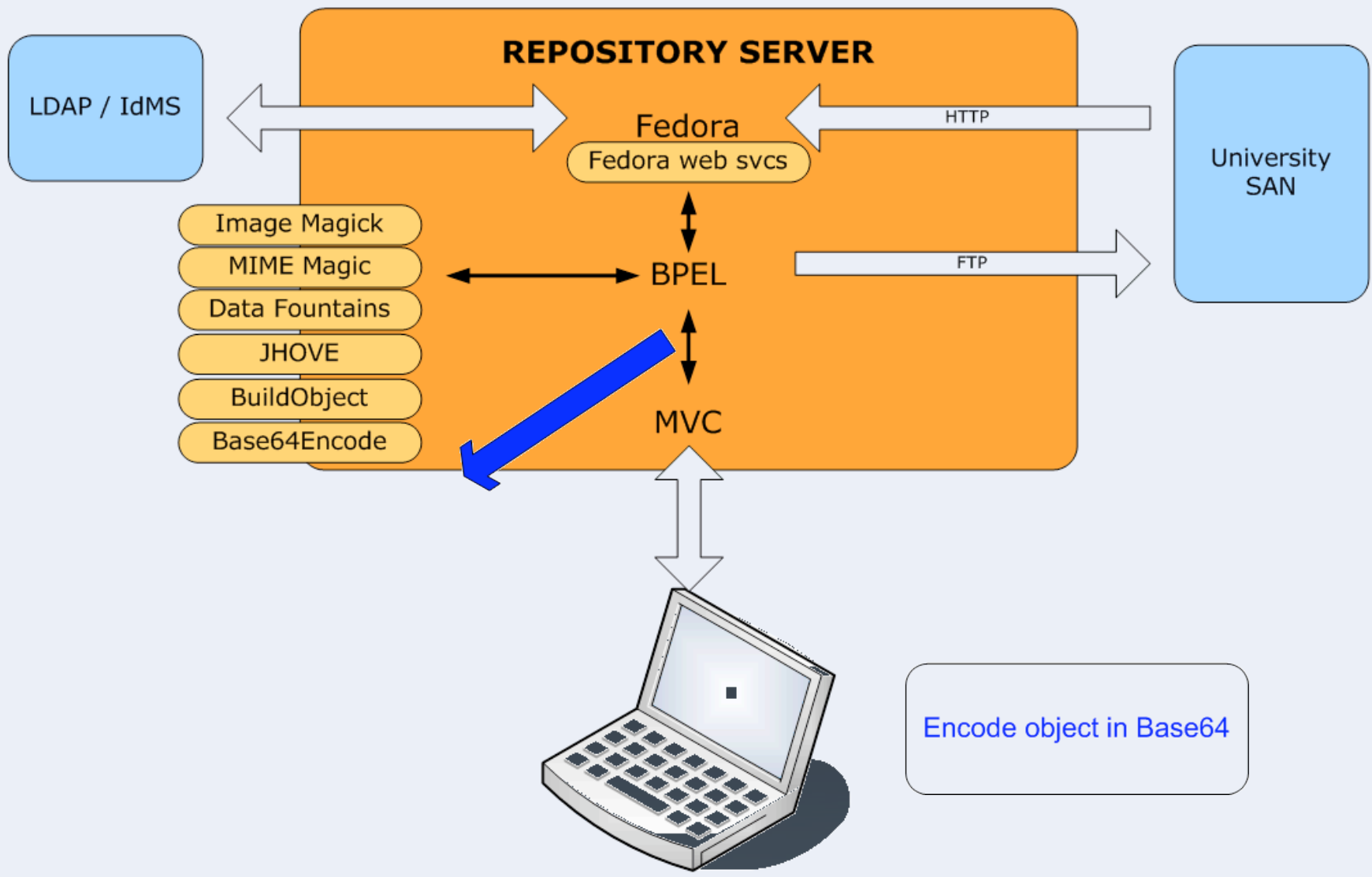


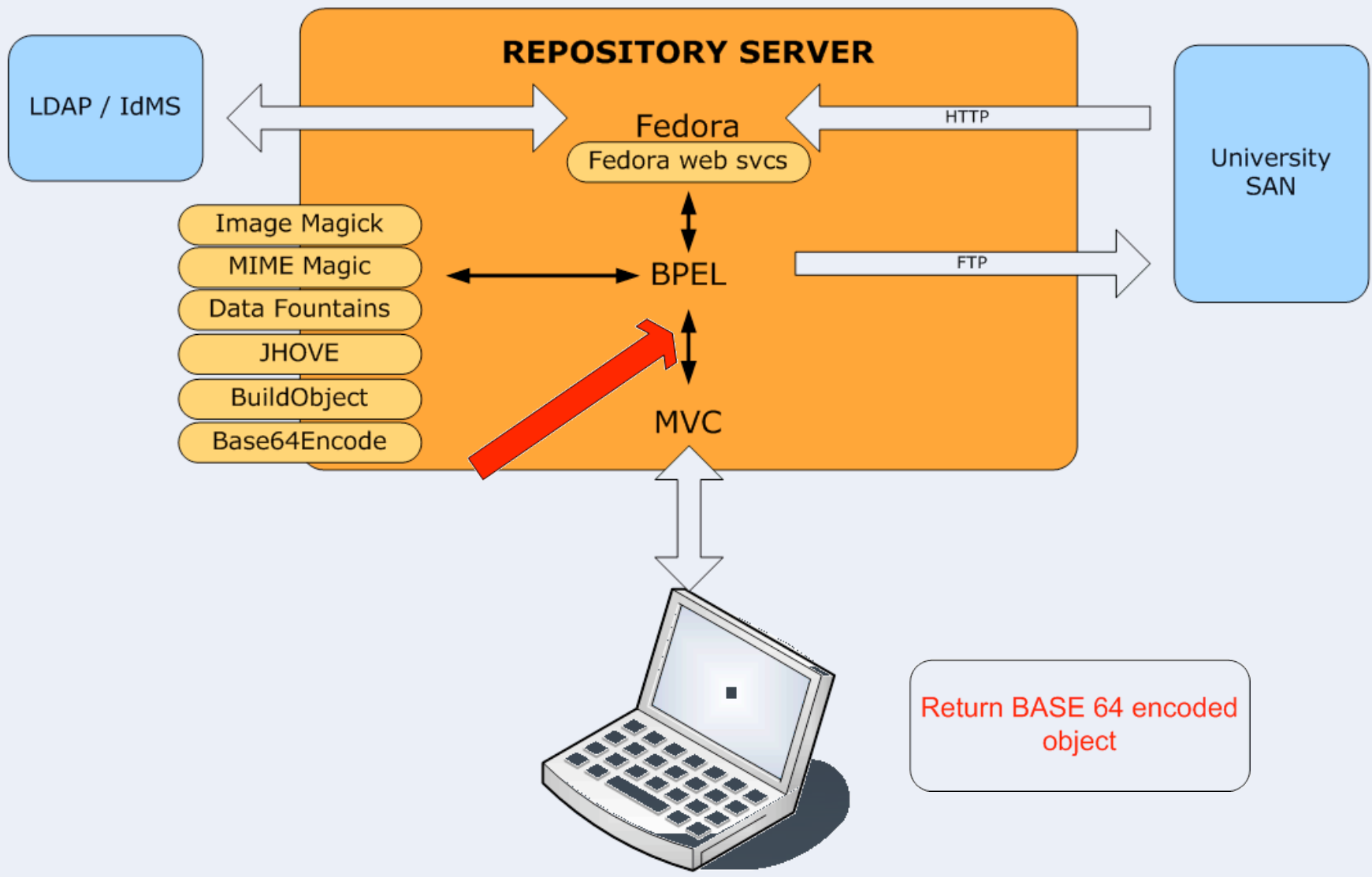


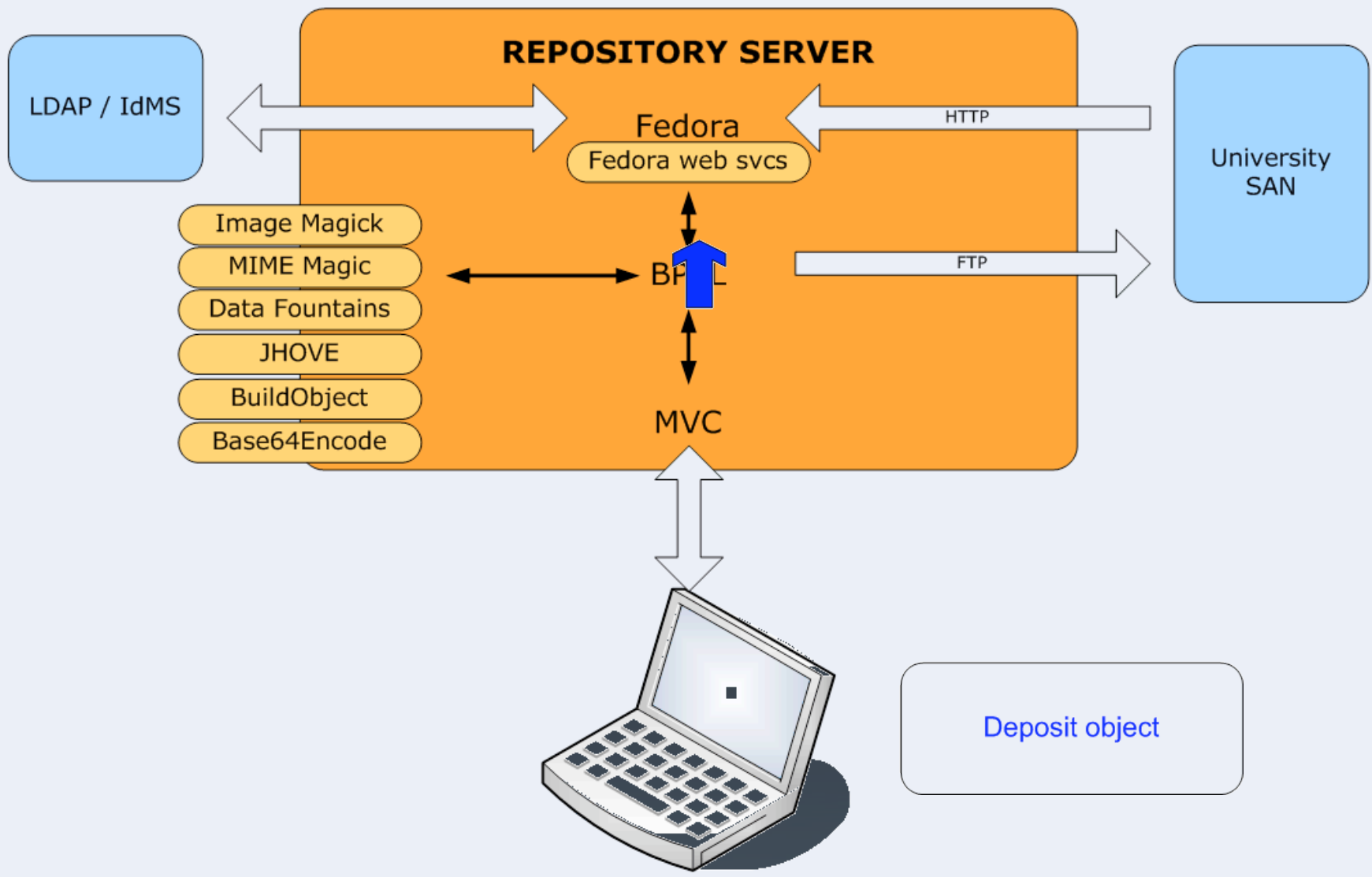


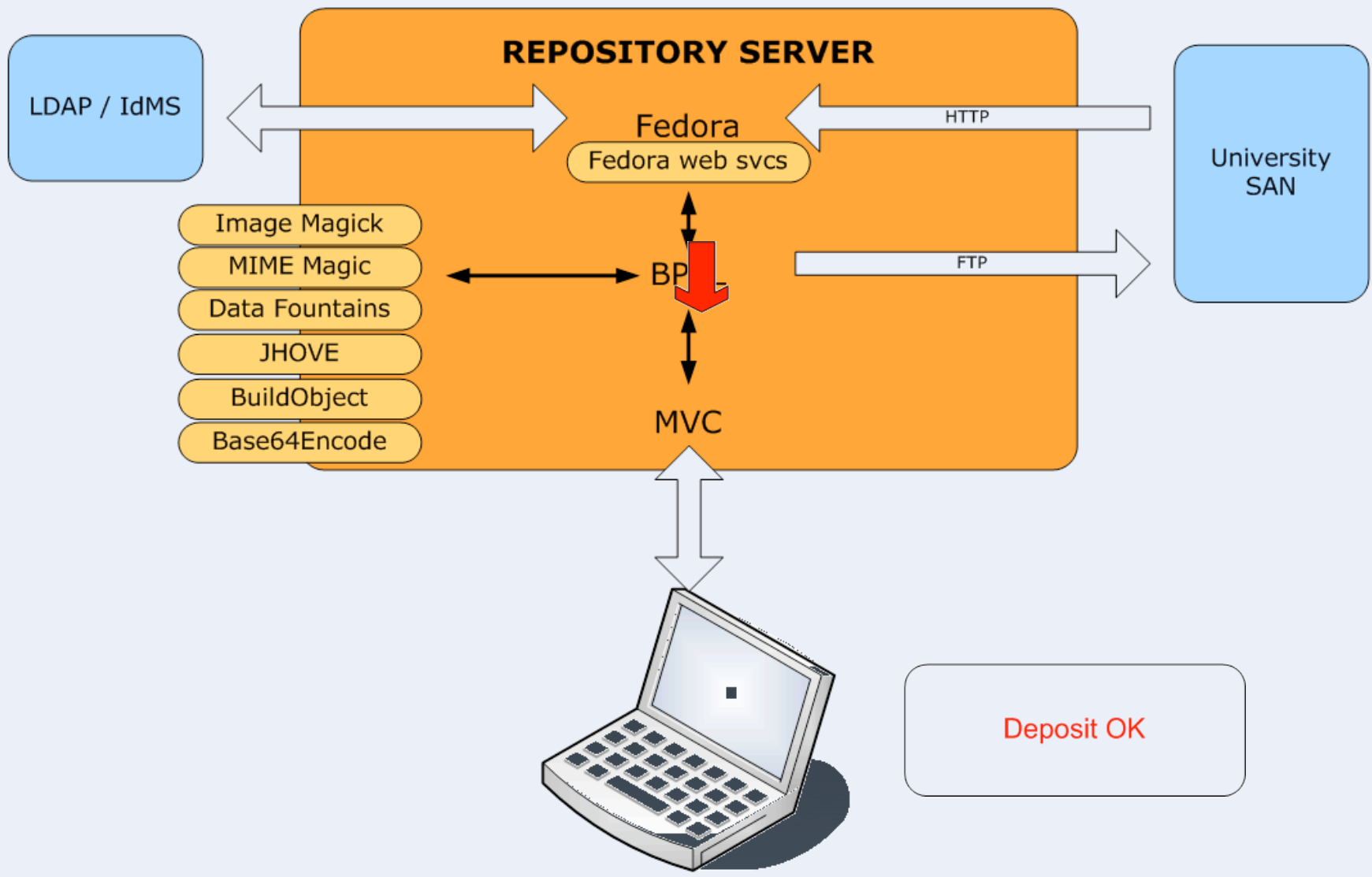


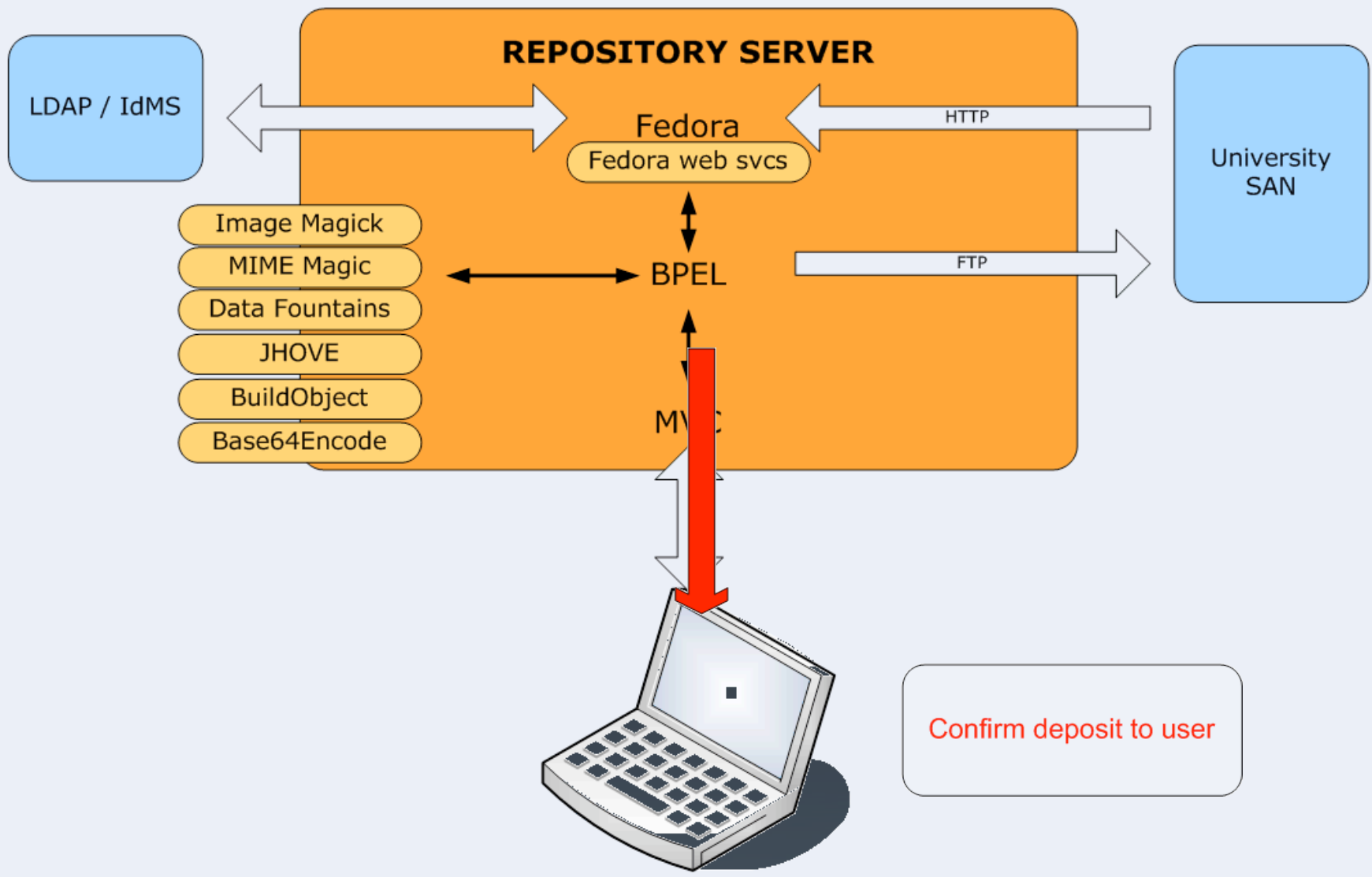












# We are not alone ...

- European activity is not “stand alone”
- DSpace, Fedora, Eprints usage internationally
- Engagement with Open Source communities
- JISC Involvement:
  - SWORD lightweight deposit API DSpace, Fedora, EPrints
  - Projects using ORE
- Shared problem spaces – Data
  - “Dealing with Data”  
<http://www.ukoln.ac.uk/ukoln/staff/e.j.lyon/publications.html>