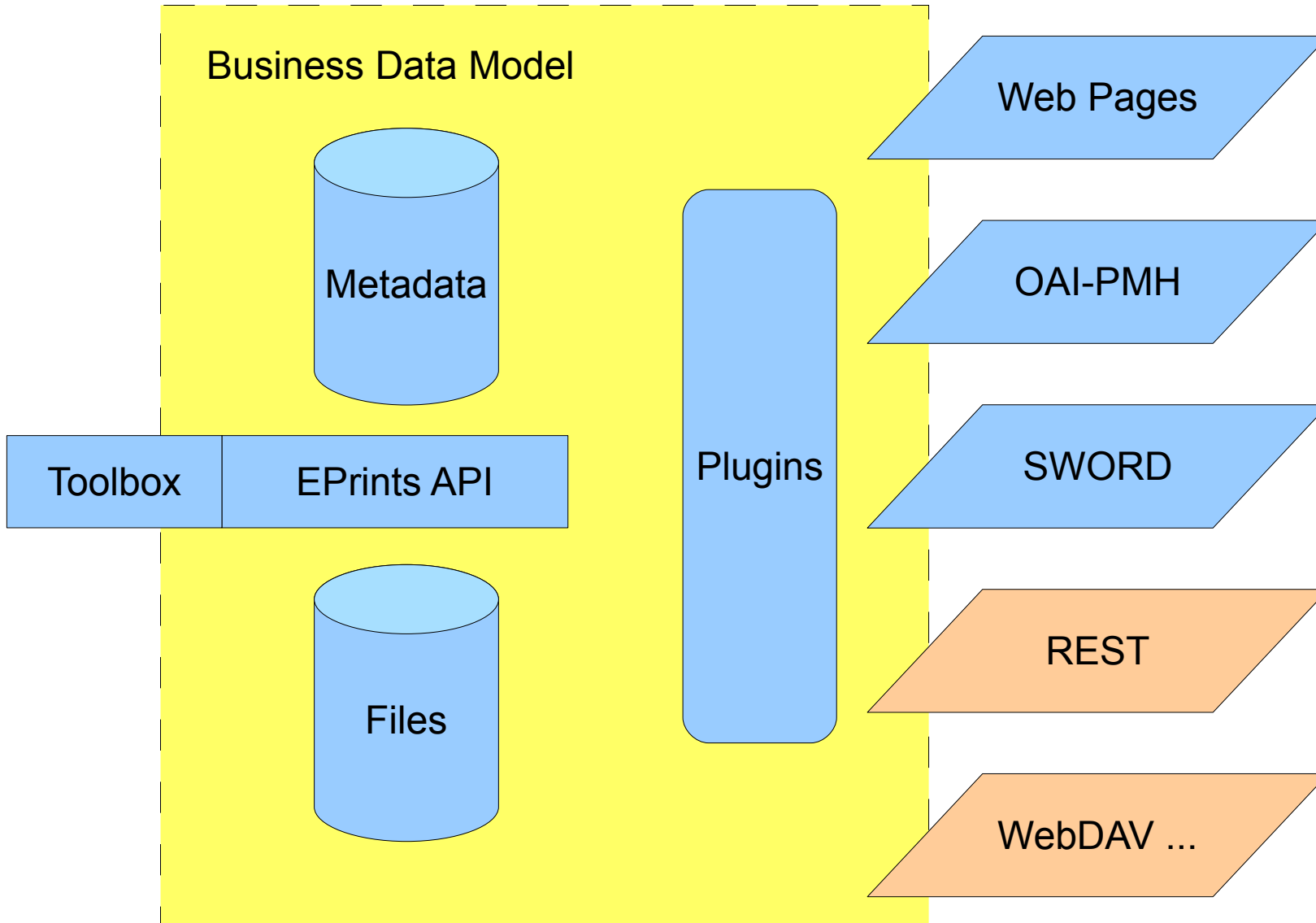


# EPrints and Web Services

EPrints is driven by users

*We're interested in Web services that enrich and enable the user experience!*

# EPrints Overview



# Web Pages

- Transparent URL layout
  - <http://your-host/> - repository
  - <http://your-host/100/> - metadata jump-off page
  - <http://your-host/100/1/> - document
  - <http://your-host/100/1/elfii.pdf> - files
- “Browse by View”
  - Deep-linking into content through link-lists
- `<meta>` metadata tags
- Alt-links to alternative versions
- Crawler-friendly errors (access-denied etc.)

# OAI-PMH

- URL request/XML response
- A mechanism for synchronising records between systems (incremental updates)
- Collection-based querying
  - LOC subject headings/by-type/division
- Extensible metadata format support via plugins
  - OAI simple Dublin Core
  - UK ETD

# SWORD Support

- EPrints is an implementation partner in SWORD
- Supported v1 in 3.1
- Support for v2 (~1.3) coming in 3.2
- SWORD uploads deposit “packages”
  - Extensible support via plugins
- Demonstrated direct deposit from Office to EPrints via SWORD

# Coming in 3.2

REST Interface e.g.

<http://devel.eprints.org/eprint/103/creators/1/name/family.txt>
















- URL-based hierarchy access to metadata + HTTP PUT changing of values

WebDAV and FTP access

- File-system style interaction with the repository

Interaction with storage back-ends

- Deposit to the “cloud”

▷	 inbox	2 items	folder	Mon 18 May 2009 16:15:38 BST
▷	 lost+found	0 items	folder	Sun 17 May 2009 21:07:50 BST
▽	 view	4 items	folder	unknown
▷	 Division	20 items	folder	unknown
▷	 Person	1 item	folder	unknown
▷	 Subject	260 items	folder	unknown
▽	 Year	46 items	folder	unknown
▷	 1950	...	folder	unknown
▷	 1951	...	folder	unknown
▷	 1952	...	folder	unknown
▷	 1953	...	folder	unknown
▷	 1954	...	folder	unknown
▷	 1956	2 items	folder	unknown
▷	 1957	1 item	folder	unknown
▷	 1959	5 items	folder	unknown