



















# **Sub-Contract or DIY?**

- Original bid assumed that project would hire and manage dev
  team.
- ARROW Project Manager realised we could do much better by sub-contracting dev work to company familiar with FEDORA:
  - outsource risk
  - save time by avoiding initial learning curve
  - partner in way that met ARROW and company needs
  - increase attractiveness of FEDORA
  - build a sustainable support and enhancement model

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#### **ARROW and VTLS**

- Entered into contract with VTLS to
- acquire VITAL 1.0 (and successor versions)
  - extend the functionality of FEDORA either by contributing back to the core FEDORA code or by writing a series of ARROW-commissioned modules
- ARROW-commissioned modules to be open-sourced using the same license as the FEDORA code
- VTLS will be able to build products on top of these new ARROW-commissioned modules, but so will anyone else

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### **Application Framework**

- ARROW-commissioned modules will
  - call FEDORA API-A and API-M
  - expose themselves as Web Services
- Possibility that combination of ARROW-modules and FEDORA will lead to refactoring of existing APIs into:
  - API-A (Access)
  - API-S (Search)
  - API-M (Management)
  - API-W (Workflow)

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### **FEDORA Development Consortium**

- Announced at same time as ARROW-VTLS deal
- Joint activity of FEDORA, VTLS, ARROW, and others
  - partners selected on ability to contribute and resources to make it happen
- Rest of 2004 will be spent working out how this might function
- Work towards API-W will be used as process testbed
- Andrew Treloar will be Australian representative in this
- Interested in hearing from others interested in using/extending FEDORA

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### **Search and Exposure**

- Exposure of metadata for OAI-PMH harvesting
- Support for direct searching via SRU/SRW
- Exposure of full text (including derived full text) for spidering by Google (and potentially other search engines)
- Local search gateways at each ARROW site
- National Resource Discovery Service offered by NLA







# **State of Development**

- Funding commenced in February
  - A\$ 3.66\*10<sup>6</sup> over 3 years
- Project Manager appointed in February
   Contract with VTLS signed in June
- FEDORA Phase 2 funding secured in June
  - US\$ 1.4\*10<sup>6</sup> over 3 years
- Anticipated delivery of ARROW Phase 1 functionality in August/September
- Anticipated delivery of ARROW Phase 2 functionality in January/February 2005







### **ARROW Availability**

- ARROW partners (NLA, Monash, UNSW, Swinburne) will be testing and refining beta software this year and early next year
- Hope to be able to offer ARROW more broadly around mid-2005
- Stay tuned to <a href="http://arrow.edu.au/">http://arrow.edu.au/</a> for news and more information

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# Questions?

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