It is VITAL to provide a rich and dynamic system for today's digital and institutional repositories

VITAL is a repository solution that lives and grows with your university, library, museum, archive, or information centre. Digital and institutional repositories are revolutionizing the way that libraries can store, organize, and share information. Designed to simplify the development of repositories and to provide seamless online search and retrieval of information for administrative staff, contributing faculty and end-users, VITAL focuses on the individual needs of users in order to broaden access to institutions and their collections. VITAL delivers value, flexibility, and highly customizable solution for managing the digital resources of any type of information centre.

VITAL

Instant access to digital content anytime, fr

Now you can incorporate a rich variety of content into your collections – photographs, slides, sound clips, digital video, conference proceedings, research papers, e-journals, Electronic Theses and Dissertations, and much more.

With VITAL, you can provide users with a wide range of information to explore. As a Unicode (UTF-8) compliant product, VITAL is a global information solution that allows users to search and find information in the language of their choice.

VITAL builds on the open source Fedora™ repository architecture with VTLS-developed workflow extensions, management utilities, and specialized content displays. The result is a strong feature set—ingesting, storing, indexing, cataloging, enhanced searching and retrieving—required for handling large text and rich content collections. You have the ability to grant equal access to materials for all, or to restrict access as needed.

Using VTLS and Fedora™ Web services, VITAL provides a mechanism for your organization to create tools, enhance the functionality provided by VTLS, or leverage the open source community for future applications. VITAL currently includes the benefits of other open source solutions such as Apache, MySQL, and McKOI.

VITAL also takes advantage of technology standards such as XML, TEI, EAD, Dublin Core, OAI-PMH, and SRU/SRW to easily describe and index an assortment of electronic resources.

Your users will enjoy:

- Cataloging, scanning, file movement and access for streamlined creation of digital and Institutional Repositories and easy additions to existing multimedia collections.
- Tools to facilitate the digitization of fragile materials, rare objects, or historical documents
- A tool—VALET—which allows the internet self-submission of digital objects, including Electronic Theses and Dissertations (see back page)
- Simultaneous access to diverse content and metadata through Fedora™ digital objects

VITAL's cataloging tool provides data entry templates that accept normal language and allow for choices from list boxes and drop-down menus. You don't need to understand mark-up languages, or enter tags and subfields. VITAL streamlines the whole cataloging process for you, eliminating the usual errors that can creep into records during a project.

To assist in the naming and link creation of collections, VTLS has developed a file system nomenclature that allows for easy identification of image collections and the digital files. After an image is scanned, VITAL automatically distributes the newly created image files to their appropriate location in the Fedora™ repository. VITAL automatically creates the complex Fedora™ objects and linkages.

Once users find images they are looking for, they can fine-tune what they're looking at with VITAL's Hi-Res Image Navigator. This tool offers high-resolution image viewing and navigating. It rapidly retrieves large or highly detailed images from the Web with no loss of visual quality.

With VITAL, users not only have the ability to search your digital collection, but they can search the repository from any SRU/SRW compliant OPAC, providing federated search results across the library databases, e-journals, and your digital repository collections. VITAL has the power to find valuable information ˜ in whatever format needed ˜ by this simultaneous search of the library's catalog and digital collection.

In addition to providing unparalleled capabilities to describe and encode your digital objects, VITAL's cataloging features:

- Behind the scene mapping of data from the cataloging template to MARC, Dublin Core, and XML.
- Ability to enter, batch load, store, extract and export XML in a defined metadata scheme
- Links digital objects with appropriate meta-data (e.g., image database with Dublin Core)

Every Institution's Needs Are Unique

When you get VITAL, you'll get the benefits of open-source software along with VTLS's excellent customer support. VTLS offers several different options for software and services.

1. The VITAL package
   - Fedora™ open source software (free)
   - VTLS hardware and software extensions, with features and workflows as described above
   - VTLS installation, training, support, and documentation
2. The Fedora™ package
   - Fedora™ open source software (free)
   - VTLS installation, training, and support
3. A Hosted Solution where VTLS acts as an ASP service for VITAL
4. VTLS Professional Digital Imaging Services and project consulting can be combined with any of the above to provide a solution tailored to your needs

VITAL is a complete solution for your digital needs

VALET
A Web-Based Self-Submission Tool

VALET has been designed to handle web-based submission of any file format and allows contributors and other content creators to enter metadata into configurable, form-based templates. VALET is designed to allow for a staged submission process whereby any number of review stages can be integrated to ensure that authorized staff have the ability to edit, delete or approve submitted content prior to ingest into the repository.

VALET includes pre-configured templates to allow for capture of relevant metadata for many standard content types including:

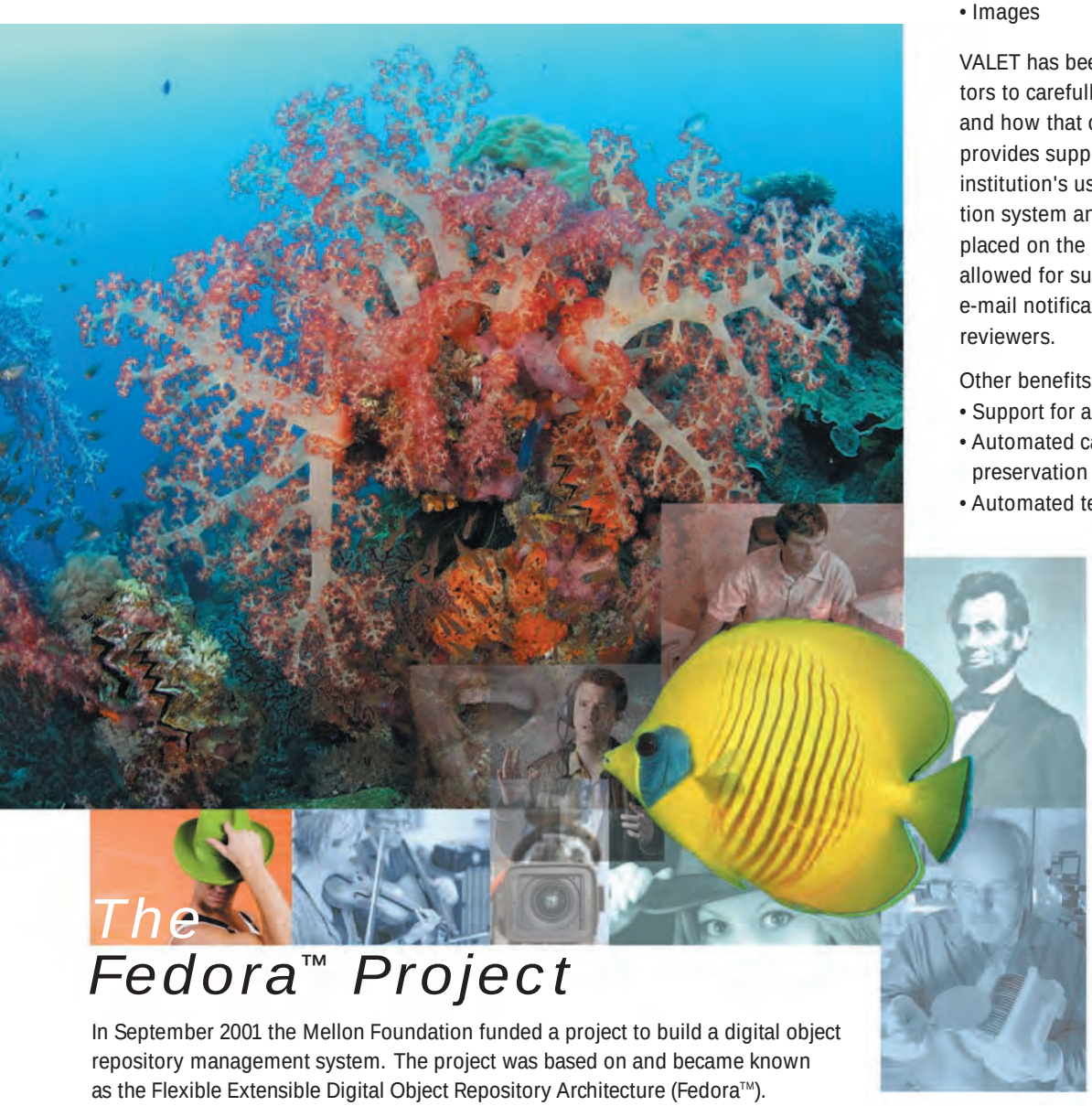
- Electronic Theses & Dissertations (ETDs) (available as a free, open source product: for more information, visit www.vtls.com)
- Journal articles
- Working papers
- Book chapters
- Conference papers
- Images

VALET has been designed to allow administrators to carefully control who can submit content and how that content is submitted. VALET provides support for integration with an institution's user authentication and authorization system and allows for restrictions to be placed on the number and types of content allowed for submission. VALET further supports e-mail notifications to content aggregators and reviewers.

Other benefits include:

- Support for any content type in its native format
- Automated capture of technical metadata for preservation purposes
- Automated text capture for full-text searching
- Automatic import of content from a specified location
- Easy drag-and-drop of content into VITAL
- Automatic validation of content via JHOVE (JSTOR/Harvard Object Validation Environment)

VITAL users will see benefits such as full-text indexing, a multi-page document navigator for PDF files and automatic assignment of long-term, citable Handles DOIs (Digital Object Identifiers).



The Fedora™ Project

In September 2001 the Mellon Foundation funded a project to build a digital object repository management system. The project was based on and became known as the Flexible Extensible Digital Object Repository Architecture (Fedora™). Jointly developed by the University of Virginia and Cornell University, Fedora™ is designed to be a foundation upon which interoperable web-based digital libraries, institutional repositories and other information management systems can be built.

VTLS Inc. is a certified ISO 9001 Company

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