



ILC EDMS project suite Status

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Document management system

From Wikipedia, the free encyclopedia



A **document management system** (DMS) is a computer system (or set of computer programs) used to track and store electronic documents and/or images of paper documents.

Document management systems commonly provide **storage, versioning, metadata, security**, as well as **indexing and retrieval capabilities**.



EDMS committee



Charge to the Committee

The committee should recommend a specific web based software solution, which may mean an **integrated collection of distinct software packages** that will allow ILC collaborators worldwide to store, search for and retrieve various kinds of documents.

At least **three basic kinds of documents** must be handled:

1. meeting/conference/seminar related files
2. publications/white papers/notes and
3. engineering documents:
 - CAD drawings, cost estimates, vendor quotes, and QC documents.

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Tom Markiewicz,
Vancouver - July 2006



Status of ILC EDMS

Recommendation of a product suite made:

- **InDiCo – meeting management**
- **CERN Document Server – general documentation**
- **UGS TeamCenter – CAD and ILC "Lifecycle Management"**
(jargon for: part design, versions, manufactured instances, QC, installation, operation, maintenance & decommissioning)

ILC Specific servers have been commissioned

- InDiCo: <http://ilcagenda.cern.ch/>
- CDS: <http://ilcdoc.cern.ch/>
- Collaborative CAD among DESY/FNAL/INFN using DESY-hosted UGS TeamCenter in progress

Planning for ILC-devoted configuration and technical support of these products with management of the **big laboratories in progress**

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EDMS committee members:

John Ferguson (CERN),
Lars Hagge (DESY),
Tom Markiewicz (SLAC) – Chair,
Richard Stanek (FNAL),
Nobu Toge (KEK),
Harry Weerts (Argonne)



EDMS committee recommendation

“Web based software solution integrating a collection of distinct software systems, supporting the core functions of storage, search, retrieval of documents.”

- Meeting/conference/seminar

ILCAgenda – based on CDS InDiCo

- Publications/white papers/notes

ILCDoc – based on CDS Invenio

- Engineering documents

ILC EDMS – based on UGS Teamcenter

EDMS committee members:

John Ferguson (CERN), Lars Hagge (DESY), Tom Markiewicz (SLAC) – Chair,
Richard Stanek (FNAL), Nobu Toge (KEK), Harry Weerts (Argonne)



First Release of ILC EDMS - DESY hosted

Lars Hagge (DESY) , November 2006

- **Schedule**
 - **Move to new platform at DESY in November**
 - **Setup ILC test environment in December**
 - **Release scheduled for mid-January**
- **Initial release targets two activities**
 - **Support procedure for BC changes as implemented by GDE CCB**
 - **Support collaborative 3D CAD design of Type IV cryomodule**
 - already ongoing within DESY EDMS
 - **Will provide read access beyond these groups**



ILC EDMS project suite status

InDiCo and Invenio

ILC servers up and running – CERN hosted

– ILC Agenda: ilcagenda.cern.ch

– ILC Doc: ilcdoc.cern.ch

These URLs will change from cern.ch to linearcollider.org soon.
Stay tuned for alerts ([NewsLine](#) and linearcollider.org homepage).

Schedule and organize conferences/meetings

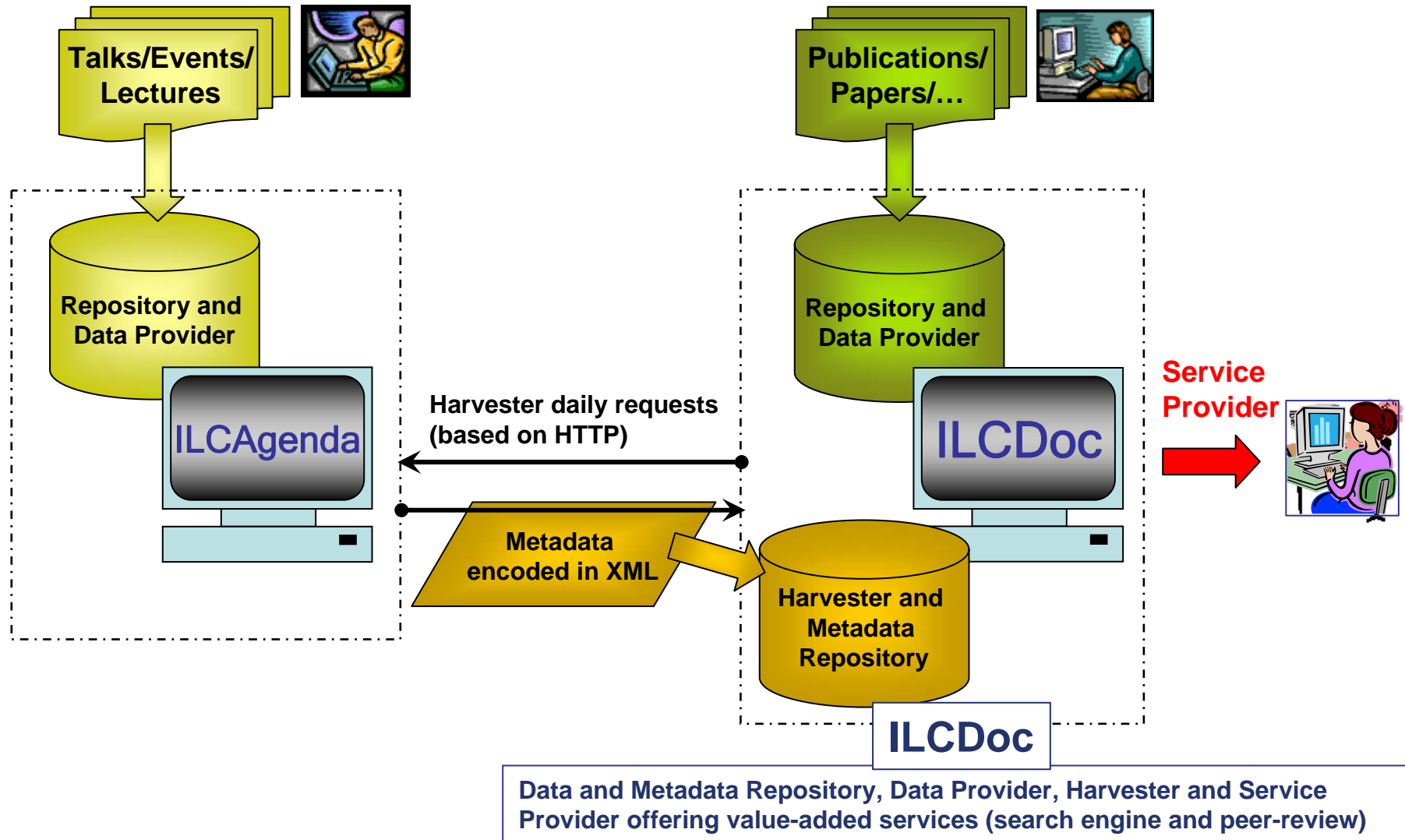
Store talks/presentations

Search and retrieve talks/presentations/events

Submit and store documents/papers



ILCAgenda and ILCDoc: Data and Service Providers





ilcagenda.linearcollider.org

ILC Home

MARKIEWICZ, Thomas - [logout](#)

Tools

- Display
- Overview
- Calendar
- Map
- Modify
- Admin
- Statistics

Categories:

- Institutions (31)
- Machine Design (18)
- Detector Design & Physics Studies (0)
- Conference and Workshops (3)
- ILC-related Presentations Given at non-ILC Specific Events (0)
- Test Area (6)

The Indico tool allows you to manage complex conferences, workshops, and time-table resulting agendas in a multi-level hierarchical tree. If you want to use it for CERN-related Indico software locally under GNU General Public License (see the [project web site](#)).

CERN | Powered by Indico 0.8.13 |

March 2006
~50 meetings

July 2006
~500 meetings

November 2006
~900 meetings
>4500 talks

ILC Home

BARONE, Maura - [logout](#)

Tools

- Display
- Overview
- Calendar
- Map
- Modify
- Admin
- Statistics
- Help

Categories:

- Institutions (411)
- Machine Design (338)
- Detector Design & Physics Studies (120)
- Conference and Workshops (52)
- ILC-related Presentations Given at non-ILC Specific Events (2)
- Test Area (14)

The Indico tool allows you to manage complex conferences, workshops, and time-tables of meetings, to attach multimedia files to each event item and to store the resulting agendas in a multi-level hierarchical tree. If you want to use it for CERN-related projects, please contact [Indico support](#). Non-CERN institutes may install the Indico software locally under GNU General Public License (see the [project web site](#)).

CERN | Powered by Indico 0.90.3.20060915 | [ilcagenda-support@cern.ch](#) | [HELP](#)



ILCAgenda status

- Category tree
 - **Organic and continual growth**
 - **Managers appointed for each category**
- ILC specific requests will be implemented by a Fermilab InDiCo development team (Jim Fromm - FNAL)
- There is a growing [list](#) of suggestions for improvements submitted by ILC users, with assigned priorities. The team is now addressing the top ones, including
 - **Time Zone awareness**
 - **User login authentication**
- Support: Currently indico-support@cern.ch



ILCAgenda: Meeting and Talks

Management Area | BARONE, Maura - logout

Home > Test Area

New meeting

Title: This is the Title of the Meeting

Description: You should write here the description: short abstract, connection info, ...

Place: name: Location, address: Address of the Location

Room: RoomNumber

Start date: 2 - 11 - 2006 at 08:00

End date: 2 - 11 - 2006 at 18:00 [Check Dates]

Chairperson text: Text added by the Chairperson

Chairperson: [dropdown] [add] [new] [remove]

Default style: Indico style

Session slots: Enabled Disabled

[ok] [cancel]

CERN | Powered by Indico 0.90.3.20060915 | ilcagenda-support@cern.ch | HELP

Management Area | BARONE, Maura - logout

Home > Test Area > This is the Title of the Meeting

Meeting: This is the Title of the Meeting | Created by BARONE, Maura

Main | Files | Timetable | Participants | Videconference | Listings | Access Control | Tools | Logs

Create new contribution

Title: The first contribution

Description: Description of the first contribution

Place: Same as for the conference: Location, Define a different one: name: [input], address: [input]

Room: Same as for the conference: RoomNumber, Choose a room already used by a section: [dropdown], Define a different one: [input]

Start Date: 2 - 11 - 2006 at 8:00

Duration: 0 : 20

Presenter: BARONE, Maura [add] [new] [remove] [Grant submission] [Withdraw submission]

[ok] [cancel]

Management Area | BARONE, Maura - logout

Home > Contribution details

Contribution View - This is the Title of the Meeting

Existing material

Icons: [protected] [delete]

Add new material

Number of files: 1 | Type: Pictures | File to Upload: C:\Documents and Settings\... | Browse...

Number of urls: 1 | Type: - Select a type - | URL to File: [input]

To PDF: Automatic conversion to pdf (when applicable)? (PPT, DOC)

[submit] [cancel]

What you **store** is what you (and people) get

"This is the Title of the Meeting" Thursday 02 November 2006
from 08:00 to 18:00
at Location (RoomNumber)
chaired by Maura Barone (Fermilab) Text added by the Chairperson

Description: You should write here the description: short abstract, connection info, ...

[Thursday 02 November 2006](#) | [top](#)

Thursday 02 November 2006

08:00 The first contribution (20') (pictures) Maura Barone (Fermilab)
Description of the first contribution



ILC Doc features

- Powered by CDS Invenio (web-based integrated digital library system)
 - **Free software, licensed under the GNU GPL**
 - **It complies with the Open Archive Initiative metadata harvesting protocol (OAI-PMH)**
 - **It uses standard MARC 21 as the bibliographic data format**
 - **It runs on GNU/Unix systems on top of MySQL database server and Apache/Python web application server**
- Documents organized in navigable “collections” trees
- Search engine
- User personalization
- Multilanguage support



ILC Doc status

- What is available now
 - **Daily harvesting from ILC Agenda**
 - **Search engine allowing to search on all Events and on all Talks submitted at those meetings**
 - Currently: ~900 Events, ~4500 Talks
 - Search by Title, Speaker, Date, Location, fulltext

Thanks to Jean-Yves Le Meur (CERN) and the InDiCo and Invenio teams for the technical support, useful suggestions and active participation in our discussions

- Filing
 - **We are now in the process of setting up categories and document types**
 - **As soon as defined, we will enable submission of documents**



ILC Doc available collections

- Publications & Notes
 - Articles & Preprints
 - Books & Reports
- Engineering & Drawing
- Conferences & Meetings
 - Talk & Contributions
 - Events

harvested from ILC Agenda

- Multimedia
 - Pictures
 - Video
 - Brochures
 - Posters

The screenshot shows the ILC Document Server interface. At the top, there is a navigation bar with links for 'admin', 'account', 'messages', 'baskets', 'alerts', 'groups', 'accounts', 'administration', and 'logout'. Below this is a search bar with a dropdown menu set to 'any field' and buttons for 'Search' and 'Browse'. The main content area displays 'Search 5,354 records for:' followed by a list of collections with checkboxes and counts: 'Publications & Notes (0)', 'Articles & Preprints (0)', 'Books & Reports (0)', 'Engineering & Drawings (0)', 'Conferences & Meetings (5,354)', 'Talks & Contributions (4,433)', 'Events (921)', and 'Multimedia (0)'. Below these are sub-collections: 'Pictures (0)', 'Video (0)', 'Brochures (0)', and 'Posters (0)'. On the right side, there is a section titled 'ABOUT THIS SITE' with a welcome message and a 'SEE ALSO' section with links to 'ILC Agenda' and 'International Linear Collider (ILC)'. At the bottom, there is a footer with contact information and a list of languages: 'Español', 'Català', 'Česky', 'Deutsch', 'Ελληνικά', 'English', 'Ελληνικά', 'Français', 'Italiano', '日本語', '한국/조선말', 'Polski', 'Português', 'Русский', 'Slovenščina', 'Svenska', and 'Українська'.



ILC Doc Search Engine

- Powerful search engine
 - **simple and advanced search interface**
 - boolean queries, regular expressions, structured metadata
 - **currently allowing to search on all Events and Talks**
 - search by Title, Speaker, Date, Location, fulltext
 - sort by date, title, ...
 - **will allow users to search across different collections and types of data**
 - **search open to guest users**
 - **search interface has been translated to several languages**

The screenshot shows the ILC Doc Search Engine interface. At the top, there is a navigation bar with the ILC logo and the text 'international linear collider'. Below this, there are links for 'Search', 'Submit', 'Personalize', and 'Help'. The main content area is titled 'TALKS & CONTRIBUTIONS' and contains a search form. The search criteria are 'speaker:barish title:GDE' and 'any field'. There are 'Search' and 'Browse' buttons. Below the search form, there are options for 'Search collections' (set to 'Talks & Contributions') and 'Sort by' (set to 'latest first'). The 'Display results' section shows '10 results' and 'split by collection'. The 'Output format' is set to 'HTML brief'. A summary bar indicates '4 records found' and 'Search took 0.01 seconds'. The results list includes:

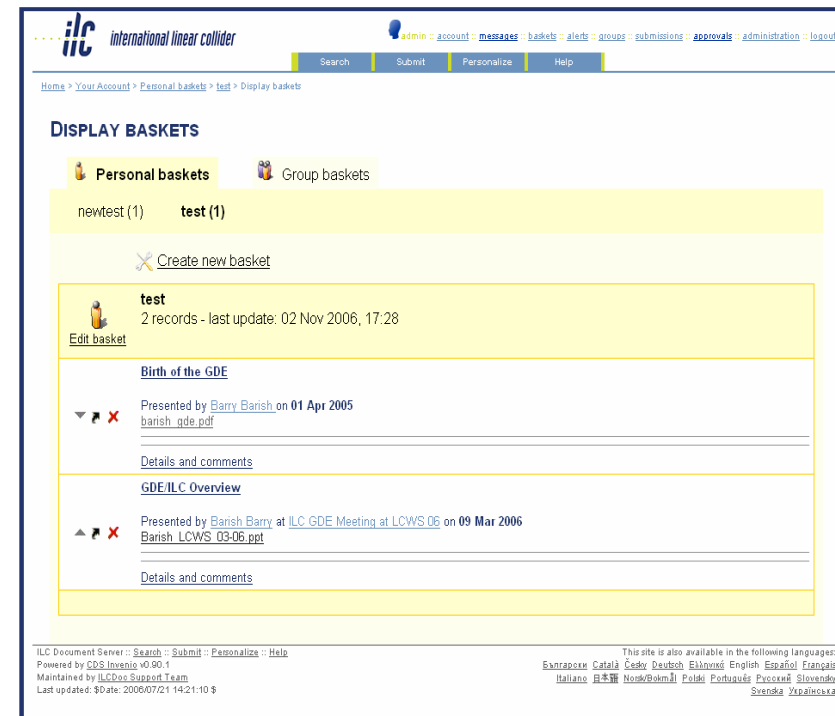
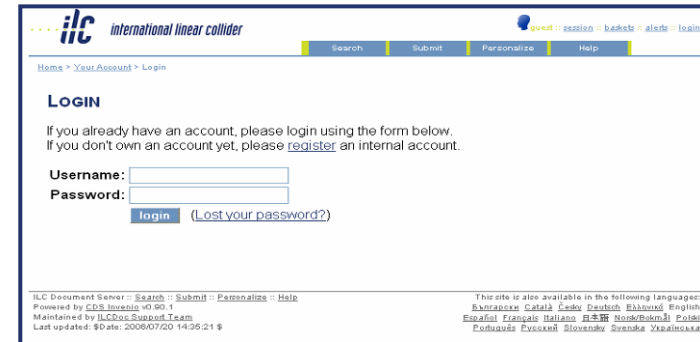
- 1. Birth of the GDE**
Presented by [Barry Barish](#) on **01 Apr 2005**
[barish_gde.pdf](#)
- 2. GDE/ILC Overview**
Presented by [Barish Barry](#) at [ILC GDE Meeting at LCWS 06](#) on **09 Mar 2006**
[Barish LCWS 03-06.ppt](#)
- 3. GDE Report**
Presented by [Barish, Barry](#) at [Vancouver Linear Collider Workshop/GDE Meeting](#) on **19 Jul 2006**
[Barish Plenary Intro Talk 07-06.pdf](#)
[Barish Plenary Intro Talk 07-06.ppt](#)
- 4. GDE summary**
Presented by [Barish Barry](#) at [Vancouver Linear Collider Workshop/GDE Meeting](#) on **22 Jul 2006**
[Barish VLCW Plenary Final Talk EC posted.pdf](#)
[Barish VLCW Plenary Final Talk EC posted.ppt](#)

At the bottom of the results list, there is an 'ADD TO BASKET' button.



User Personalization and Groups

- User as a member and/or administrator of groups
- Configurable access restrictions
- Users can define their personal collections of documents (baskets)
 - **Basket sharing within user groups**
 - **User comments for documents**



- We encourage you to start using the search engine and let us have feedback
- Should you have any problem:



ilcdoc-support@linearcollider.org