

	CRL Suzanne	TTF (DOOCS) E-logobook Claude
Reporter:		
Status:		
Language	Java,JSP,XML,HTML,Tomcat	Java with JSP's, HTML, XSLT
Database	MySQL	None - just files.
DB changeable?	Oracle tested but not in use.	N/A
What is in DB?	path to entries + user info	N/A
Format for entries	XML and HTML	Files.
Security	login and password	https to tomcat to LDAP for authentication
Deployment	Web ap. As a service. Fermitools. Kits.	tar file. Linux or Solaris.
How many years in use	More than 5 years	many years
Last release	Apr-05	unknown
Releases in last year	none. But 3 in 3 months before that.	unknown
How to configure?	Two configuration files: JAVA and XML	Central XML config file + XSL transform files
backup?	Only file system backup.	??Only file system backup??
Open source	No but code is available on request	Open
License and costs	Yes/no	No/no
Platform independent?	Yes	unknown
Indexing and Searching	Search on info in db: author, keywords ... plus entry text. Search is not indexed so its slow. Attachments not searchable ( but could be).	Apache Lucene crawler to make index.
Programmatic access	Yes: dedicated port listens for XML	unknown
Code mgt system?	cvs	
Miscellaneous		Wiki style markup supported.  They can extract info from the files and populate a database. This is done using JDBC.

XSL ( XML Style Language) specifies rules (transforms XMLT ) for taking information stored in an XML file and producing viewable HTML or PDF. This simplifies the job of writing GUIs but there is not a lot of expertise in this language. TTF elog also ships data out of XML to a database this way.

Questions:

What does Wiki style markup mean?

Elog JLAB as deployed at SLAC  
Janice

WebLog(FNAL TD)  
Claude

SNS E-log

PHP, HTML, Javascript, PERL, tkl  
Oracle  
mySQL possible. Will be a lot of work.  
Pieces of text and pointers to attachments.

Text in db. All graphics to PNG. Guess others as files.

In house list. AFS authentication for log.

User side is web app. Call Theo for source.

2.5 years at SLAC. JLAB??

1 month ago

6. All feature adds, not bug fix.

"Very easy" to change lots of things.

db backup.

Yes. Via owner.

No/No ( what about oracle???)

Source yes. Config platform specific.

Java (JSP and Servlets)  
Postgres  
JDBC. Should be changeable. Not tested.  
Entries + config. Attachments are files.

Text. No blobs.

Unknown.

Linux and Windows(dev only).

Brand new. Good online docs.

Within last year

2. beta and 1.0

Via db - filters, categories, users etc

DB back and file system backup

Yes

No/No

DB Query + search on entry text. Not attachments.  
Search is not indexed.

yes. Via tmp xml.

API from JAVA and C.

All entries are entered via tmp XML files that are swept  
into Oracle every few minutes. True for entries made by Configurable via alerting emails.  
GUI and those made programmatically.

This has the nice benefit that one may make entries  
even when Oracle is down.

Self updating view.

Initial installation at SLAC was hard, more than one month. Configurable custom view filters.

After initial deployment, it has been easy, < 1 hour, to add new entries. However you need to know the magic multistep recipe. Short,long,thread views.

Currently 15 logbooks deployed using this technology. Spellchecker

Stated effort for installation and maintenance does not include Oracle support. Hyperlinks to other entries

Use of Perl is restricted to sweeping in the XML files. entry preview

We need clarification about what it means to be easy to configure. Does this mean config files or changing the source.

FNAL AD Elog  
Wally

HepBook  
Rob

LHC Product

DESY-IHEP Elogbook  
Claude

Architecture weak but strong fanbase.

Low rated. Probably out of the running.

Perl, HTML, Javascript

Flat files

N/A

Entries. Index of all entries.

Text(HTML), native object formats.

.htaccess

Web ap using cgi.

8 years

August 2004.

Minor tweaks since then

Configurable by the perl programmer.

File system backup.

Yes

No/no except the spellchecker

Java + servlets. No JSP.

Oracle for content. MySQL for usage stats

No

all content, text and graphics.

text and blobs

unknown

WAR file on Tomcat. Linux. Badly documented.

New. Just an install readme file.

unknown

unknown

One installation can do multiple logbooks.

?? Db backup??

open

no/no

Simple search of flat files by Perl

All db indexed. Not attachments

Some.

Email only.

Update indicator.

Gary has not returned  
calls.

Documentation is very poor.

Entry preview.

HTML is in servlets.

Link to any entry in any elog on the same server.

Overall impression is too immature.

Cut and paste cookie.

Custom modules for propriety forms/tables(end of shift summary crew rosters).

Selectable image loading for low b/w connections.

Color reversal for printing.

Memopad window for commonly used links.

Parameter window. ACNET example: user bookmarkable access to favorite devices, their help files and datalogger data.

Selectable image loading for low b/w connections.

Security: outside lab firewall requires password. Inside does not. Is this for reading or only for creating entries?

PSI Elog  
Rob

Out of the running.

C  
?  
?  
?  
?

A single file of 25K lines.

Hangs repeatedly for Miniboone.

No longer used by Miniboone.

Code is difficult to follow.