



Elog Client for Phoebus

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Elog Client for Phoebus

- Phoebus offers Logbook Client Interface
 - Implemented client for Elog
 - Elog highly customizable
- ⇒ Only basic configuration implemented

Configuration of Elog and Phoebus

Elog configuration:

```
[global]
port = 8080
Password file = elogpw
Max content length = 100000000

[testlog]
Attributes = Author, Type, Category, Subject
Options Type = Result, Diary, Routine, Overview, Problems, Configuration, Other
Options Category = General, HVMAPs, FPGAs, SlowControl, Vacuum test
Extendable Options = Type, Category
Required Attributes = Author, Type, Subject
```

Phoebus Settings:

```
## Use ElogClient API
org.phoebus.logbook.ui/logbook_factory=elog
## URI of the used ELOG logbook
org.phoebus.elog.api/elog_url=http://localhost:8080/testlog/
## Comma separated list of all available categories in used logbook
org.phoebus.elog.api/categories=General, HVMAPs, FPGAs, SlowControl, Vacuum test
## Comma separated list of all available types in used logbook
org.phoebus.elog.api/types=Result, Diary, Routine, Overview, Problems, Configuration, Other
## The Log Entry Table and Log Entry Calendar also need authentication
org.phoebus.elog.api/username=test
org.phoebus.elog.api/password=waa2sT6eBt.qk0wsucX/nxU5Gcqffq1Ex6ja5Lg10R5
```

Log Entry Table displays Logbook entries matching search query

The screenshot shows the Elog Client interface with a search query and a table of log entries. The search query is: `desc="*start=2020-08-02 15:15:15.000end=now`. The table displays log entries with columns for Time, Log, and Logbook/Tags.

Time	Log	Logbook/Tags
2020-09-10 14:52:19	testing java requests Get busy living or get busy dying --Stephen King ▶ Attachments	Diary General
2020-09-10 14:14:52	foo bba fasdfadsfadsfadsfadsfadsf afdsaf ▶ Attachments	Problems Capacitive Sensors
2020-09-10 14:01:54	apfdgagag gandag fdlafadsfstab-brasgvbaqewraEr ijjkkj ▶ Attachments	Diary General
2020-09-10 11:49:36	knjkkjkkj mimjm gkkjkkjkkjgfcncrntch ▶ Attachments	Other SlowControl
2020-09-10 10:51:17	sadfad adogfadsfagfdg adfigas ▶ Attachments	Overview Lumi-Box
2020-09-10 10:43:38	sadfad adogfadsfagfdg adfigas ▶ Attachments	Overview Lumi-Box
2020-09-10 08:38:17	foo baa raklnagkklfids afhbgasfkjbgvnafkjgga g af gfd gad fgaigraflkdqnafdqknbslabgkz ▶ Attachments	Problems Lumi-Box

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Create new entries with Phoebus (only plain encoding)

The screenshot shows the Phoebus web interface for creating a new entry. The form includes the following fields and options:

- User Name: florian
- Password: [masked]
- Date: 2020-10-15
- Level: [dropdown menu]
- Title: Testing Phoebus Client
- Logbooks: Other
- Tags: [dropdown menu]
- Text: [text area]
- Attachments: [checkbox]
- Buttons: Cancel, Submit

A dropdown menu for Tags is open, showing the following options:

- Capacitive Sensors
- FPGAs
- General
- HVMAPs
- Lumi-Box
- Other
- SlowControl
- Software
- Vacuum test

Mapping of Attributes:

- User Name \Rightarrow Author
- Logbooks \Rightarrow Type
- Tags \Rightarrow Category
- Only first value for Logbooks and Tags is used