

# Python module for posting message into ELog

- [Code location](#)
- [Modes of submission to ELog](#)

This note is composed from Igor's e-mail about Python module for posting message into ELog (from analysis releases).

## Code location

```
sit_setup
addpkg LogBook V00-03-05 (or HEAD)
scons
```

## Modes of submission to ELog

First of all, one need to import the module and instantiate the 'poster':

```
from LogBook import message_poster
poster = message_poster.message_poster_self ( 'AMO', experiment='amodag09' )
```

1. Posting a new message w/o any attachments, tags, etc.:

```
poster.post ( 'This is just a test' )
```

2. Posting a message with one attachments:

```
msg = 'This is just a test'
attachments = [ '/reg/neh/home1/gapon/AFS_HOME/public_html/NewOrgChart.pdf' ]
poster.post ( msg, attachments=attachments )
```

3. Multiple attachments:

```
attachments = [ '/reg/neh/home1/gapon/AFS_HOME/public_html/NewOrgChart.pdf', 'SomeOtherFile.jpg' ]
poster.post ( msg, attachments=attachments )
```

4. Tags and attachments:

```
msg = ...
attachments = ...
tags = ...
poster.post ( msg, attachments=attachments, tags=tags )
```

5. Posting a reply to an existing message. For that you need to get an identifier of that message. In the following example you first send a message. Then you obtain its identifier and pass to the reply:

```
parent_message_id = poster.post ( 'The main thread for the discussion' )
child_message_id = poster.post ( 'Here comes my reply', parent_message_id = parent_message_id )
```

6. Posting a message for a specific run.



For obvious reason this can't be combined with posting replies to existing messages:

```
run_num = 123
poster.post ( 'Go look for this message close to that run', run_num = run_num )
```

Any reasonable combination of above parameters is possible.