Splunk® Machine Learning Toolkit ML-SPL API Guide 4.4.1

Create user facing messages

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The Splunk Machine Learning Toolkit ships with utilities to make logging and user-facing errors easier to manage.

The Splunk Machine Learning Toolkit relies on a different Python interpreter than the interpreter shipped with Splunk Enterprise.

To begin, import and create a messages logger as follows:

```python
from cexc import get_messages_logger
messages = get_messages_logger()
```

Once completed, you can add user facing messages as shown in the following code blocks:

```python
some_variable = 'hello there'
messages.warn('Message of your choosing: {}'.format(some_variable))
```

This code produces the search warning in the following example:

![Search Warning Example](image1)

You can similarly produce error messages:

```python
some_variable = 'hello there'
messages.error('Message of your choosing: {}'.format(some_variable))
```

This code produces the error message in the following example:

![Error Message Example](image2)