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# [`logging`](https://docs.python.org/3/library/logging.html#module-logging
"\(in Python v3.13\)")#
Configure logging for conda.
## Classes#
`TokenURLFilter` | Filter instances are used to perform arbitrary filtering of LogRecords.
---|---
`StdStreamHandler` | Log StreamHandler that always writes to the current sys stream.
## Functions#
`initialize_logging`() |
---|---
`initialize_std_loggers`() |
`initialize_root_logger`([level]) |
`set_conda_log_level`([level]) |
```

* [`cli`](../../conda_env/cli/index.html)

```
`set_all_logger_level`([level]) |
`set_file_logging`([logger_name, level, path]) |
`set_log_level`(log_level) |
`trace`(self, message, *args, **kwargs) |
## Attributes#
`_VERBOSITY_LEVELS` |
_VERBOSITY_LEVELS#
_class _TokenURLFilter(_name ="_)#
Bases:
['logging.Filter'](https://docs.python.org/3/library/logging.html#logging.Filter
"\(in Python v3.13\)")
Filter instances are used to perform arbitrary filtering of LogRecords.
Loggers and Handlers can optionally use Filter instances to filter records as
```

desired. The base filter class only allows events which are below a certain

point in the logger hierarchy. For example, a filter initialized with "A.B"

will allow events logged by loggers "A.B", "A.B.C", "A.B.C.D", "A.B.D" etc. but not "A.BB", "B.A.B" etc. If initialized with the empty string, all events are passed.

Initialize a filter.

Initialize with the name of the logger which, together with its children, will have its events allowed through the filter. If no name is specified, allow every event.

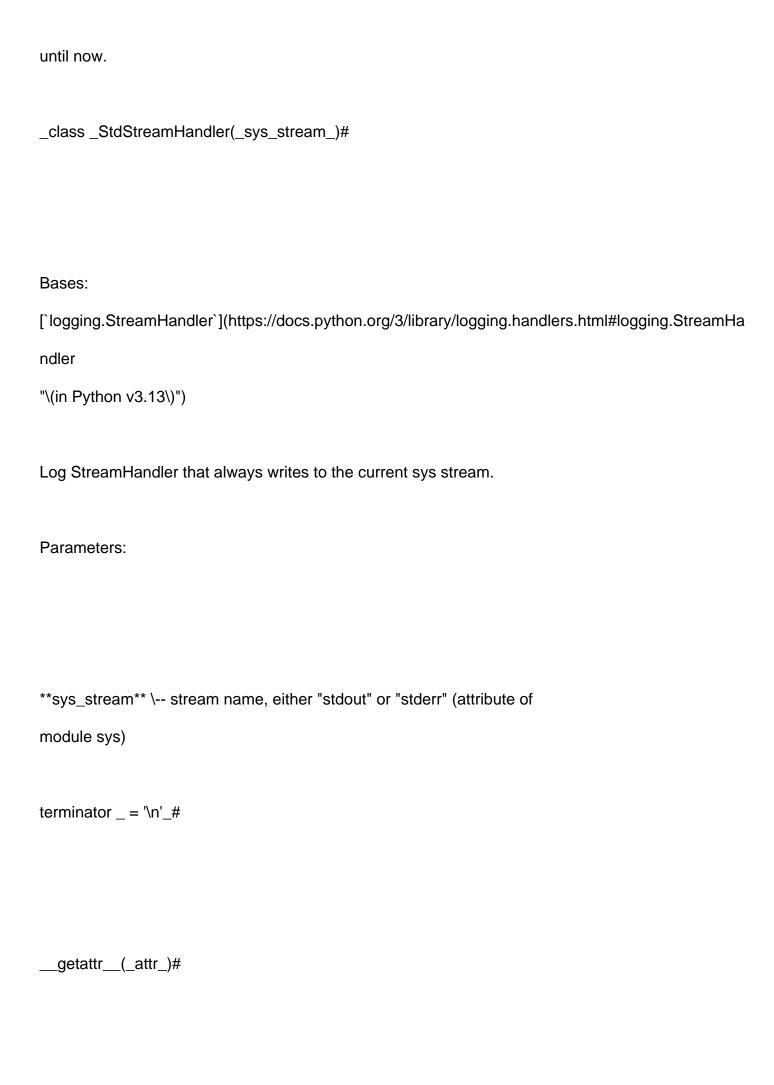
TOKEN_URL_PATTERN#

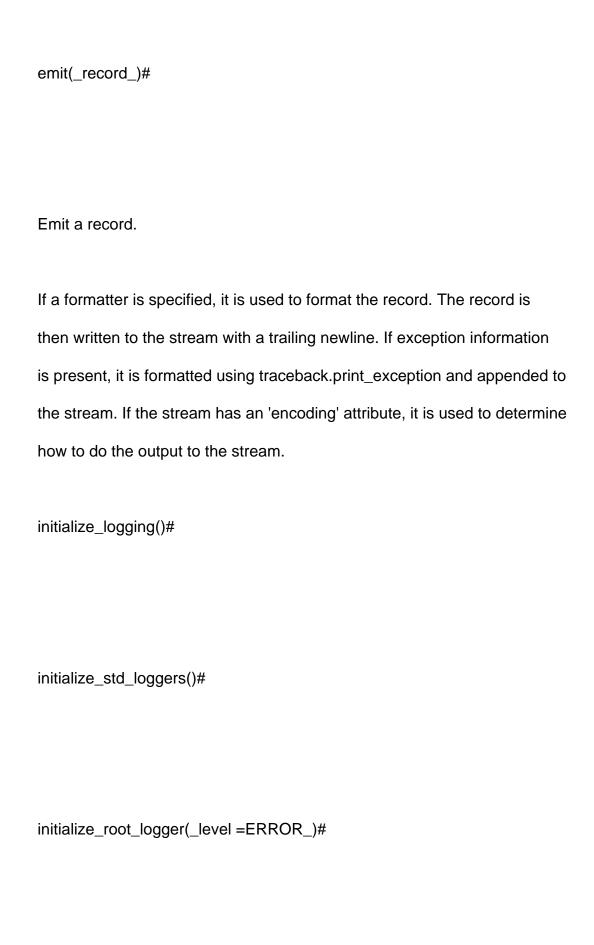
TOKEN_REPLACE#

filter(record)#

Since Python 2's getMessage() is incapable of handling any strings that are not unicode when it interpolates the message with the arguments, we fix that here by doing it ourselves.

At the same time we replace tokens in the arguments which was not happening





set_conda_log_level(_level =WARN_)#

```
set_all_logger_level(_level =DEBUG_)#
set_file_logging(_logger_name =None_, _level =DEBUG_, _path =None_)#
set_log_level(_log_level:
[int](https://docs.python.org/3/library/functions.html#int "\(in Python
v3.13\)")_)#
trace(_self_ , _message_ , _* args_, _** kwargs_)#
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 * Classes
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  * `_VERBOSITY_LEVELS`
```

* `TokenURLFilter`

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* `TokenURLFilter.TOKEN_URL_PATTERN`
   * `TokenURLFilter.TOKEN_REPLACE`
   * `TokenURLFilter.filter()`
  * `StdStreamHandler`
   * `StdStreamHandler.terminator`
   * `StdStreamHandler.__getattr__()`
   * `StdStreamHandler.emit()`
  * `initialize_logging()`
  * `initialize_std_loggers()`
  * `initialize_root_logger()`
  * `set_conda_log_level()`
  * `set_all_logger_level()`
  * `set_file_logging()`
  * `set_log_level()`
  * `trace()`
[ __Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-
guide/api/conda/gateways/logging/index.rst)
[ __Show Source](../../../_sources/dev-
guide/api/conda/gateways/logging/index.rst.txt)
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[ Analytics Dashboard __](https://docs-conda-io.goatcounter.com "Analytics
```

Dashboard")

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theme.readthedocs.io/en/stable/index.html) 0.15.4.