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## # Auth Handlers#

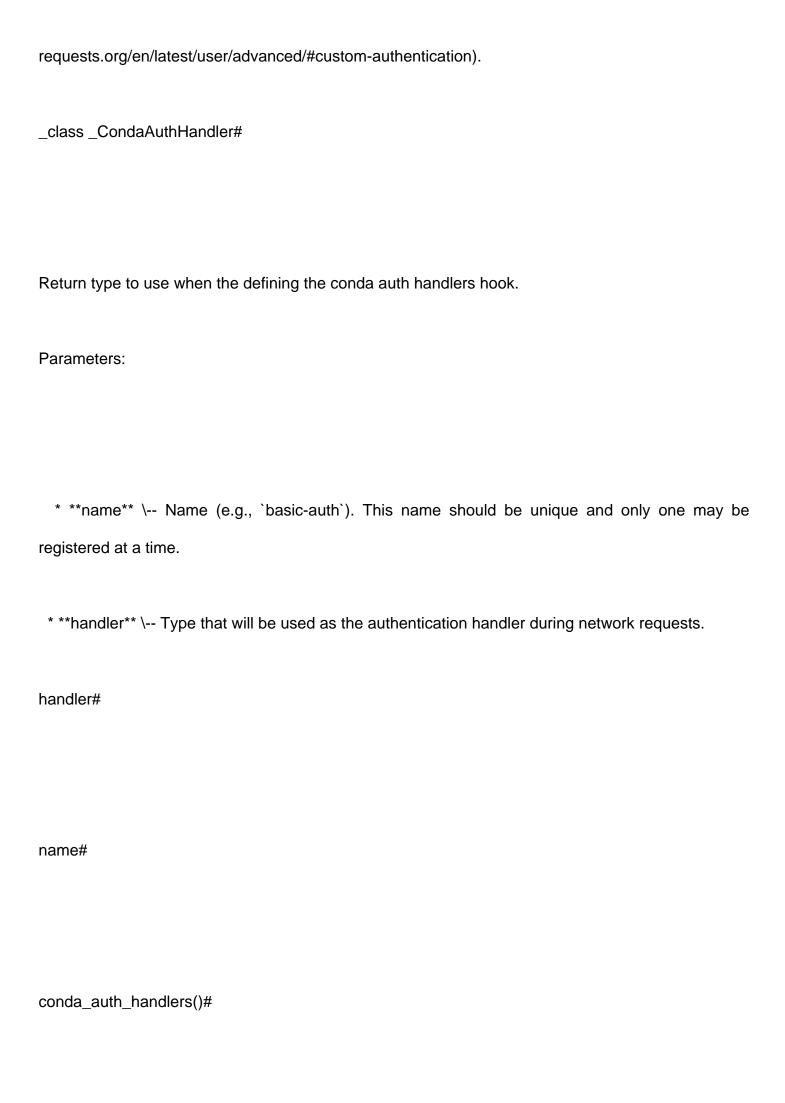
The auth handlers plugin hook allows plugin authors to enable new modes of authentication within conda. Registered auth handlers will be available to configure on a per channel basis via the `channel\_settings` configuration option in the `.condarc` file.

Auth handlers are subclasses of the

[`ChannelAuthBase`](../api/conda/plugins/types/index.html#conda.plugins.types.ChannelAuthBase "conda.plugins.types.ChannelAuthBase") class, which is itself a subclass of [requests.auth.AuthBase](https://docs.python-requests.org/en/latest/api/#requests.auth.AuthBase). The

[`ChannelAuthBase`](../api/conda/plugins/types/index.html#conda.plugins.types.ChannelAuthBase "conda.plugins.types.ChannelAuthBase") class adds an additional `channel\_name` property to the [requests.auth.AuthBase](https://docs.python-requests.org/en/latest/api/#requests.auth.AuthBase) class. This is necessary for appropriate handling of channel based authentication in conda.

For more information on how to implement your own auth handlers, please read the requests documentation on [Custom Authentication](https://docs.python-



Register a conda auth handler derived from the requests API.

This plugin hook allows attaching requests auth handler subclasses, e.g. when authenticating requests against individual channels hosted at HTTP/HTTPS services.

```
**Example:**
```

```
import os
```

from conda import plugins

from requests.auth import AuthBase

```
class EnvironmentHeaderAuth(AuthBase):
```

```
def __init__(self, *args, **kwargs):
    self.username = os.environ["EXAMPLE_CONDA_AUTH_USERNAME"]
    self.password = os.environ["EXAMPLE_CONDA_AUTH_PASSWORD"]
```

```
def __call__(self, request):
    request.headers["X-Username"] = self.username
    request.headers["X-Password"] = self.password
    return request
```

```
@plugins.hookimpl
  def conda_auth_handlers():
    yield plugins.CondaAuthHandler(
       name="environment-header-auth",
       handler=EnvironmentHeaderAuth,
    )
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guide/plugins/auth_handlers.rst)
[__Show Source](../../_sources/dev-guide/plugins/auth_handlers.rst.txt)
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Created using [Sphinx](https://www.sphinx-doc.org/) 7.4.7.
[ Analytics Dashboard __](https://docs-conda-io.goatcounter.com "Analytics
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```

Built with the [PyData Sphinx Theme](https://pydata-sphinx-theme.readthedocs.io/en/stable/index.html) 0.15.4.