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# [`http`](https://docs.python.org/3/library/http.html#module-http "\(in
Python v3.13\)")#
Defines HTTP transport adapter for CondaSession (requests.Session).
Closely derived from pip:
[pypa/pip](https://github.com/pypa/pip/blob/8c24fd2a80bad21aa29aec02fb48bd89a1e8f5e1/src/pip/
_internal/network/session.py#L254)
Under the MIT license:
Copyright (c) 2008-2023 The pip developers (see AUTHORS.txt file on the pip
repository)
```

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AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

## Classes#

`\_SSLContextAdapterMixin` | Mixin to add the `ssl\_context` constructor argument to HTTP adapters.

---|---

`HTTPAdapter` | Mixin to add the `ssl context` constructor argument to HTTP adapters.

\_SSLContextAdapterMixin(\_\*\_ \_class \_ssl\_context [ssl.SSLContext](https://docs.python.org/3/library/ssl.html#ssl.SSLContext "\(in Python v3.13\)") | [None](https://docs.python.org/3/library/constants.html#None "\(in Python v3.13\)") = None\_, \_\*\* kwargs: Any )# Mixin to add the `ssl\_context` constructor argument to HTTP adapters. The additional argument is forwarded directly to the pool manager. This allows us to dynamically decide what SSL store to use at runtime, which is used to implement the optional `truststore` backend. init\_poolmanager(\_connections : [int](https://docs.python.org/3/library/functions.html#int "\(in Python v3.13\)")\_, \_maxsize: [int](https://docs.python.org/3/library/functions.html#int "\(in Python v3.13\)")\_, \_block: [bool](https://docs.python.org/3/library/functions.html#bool "\(in Python v3.13\)") = DEFAULT\_POOLBLOCK\_, \_\*\* pool\_kwargs: Any\_) -> urllib3.PoolManager# \_class \_HTTPAdapter(\_\*\_ \_ssl\_context [ssl.SSLContext](https://docs.python.org/3/library/ssl.html#ssl.SSLContext "\(in Python v3.13\)") | [None](https://docs.python.org/3/library/constants.html#None "\(in Python v3.13\)") = None\_, \_\*\* kwargs: Any )#

Bases: `\_SSLContextAdapterMixin`, `conda.gateways.connection.HTTPAdapter` Mixin to add the `ssl\_context` constructor argument to HTTP adapters. The additional argument is forwarded directly to the pool manager. This allows us to dynamically decide what SSL store to use at runtime, which is used to implement the optional 'truststore' backend. \_\_On this page \* Classes \* `\_SSLContextAdapterMixin` \* `\_SSLContextAdapterMixin.init\_poolmanager()` \* `HTTPAdapter` [ \_\_Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/devguide/api/conda/gateways/connection/adapters/http/index.rst) [ \_\_Show Source](../../../../\_sources/devguide/api/conda/gateways/connection/adapters/http/index.rst.txt) © Copyright 2017, Anaconda, Inc. Created using [Sphinx](https://www.sphinx-doc.org/) 7.4.7. [ Analytics Dashboard \_\_](https://docs-conda-io.goatcounter.com "Analytics

Dashboard")

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