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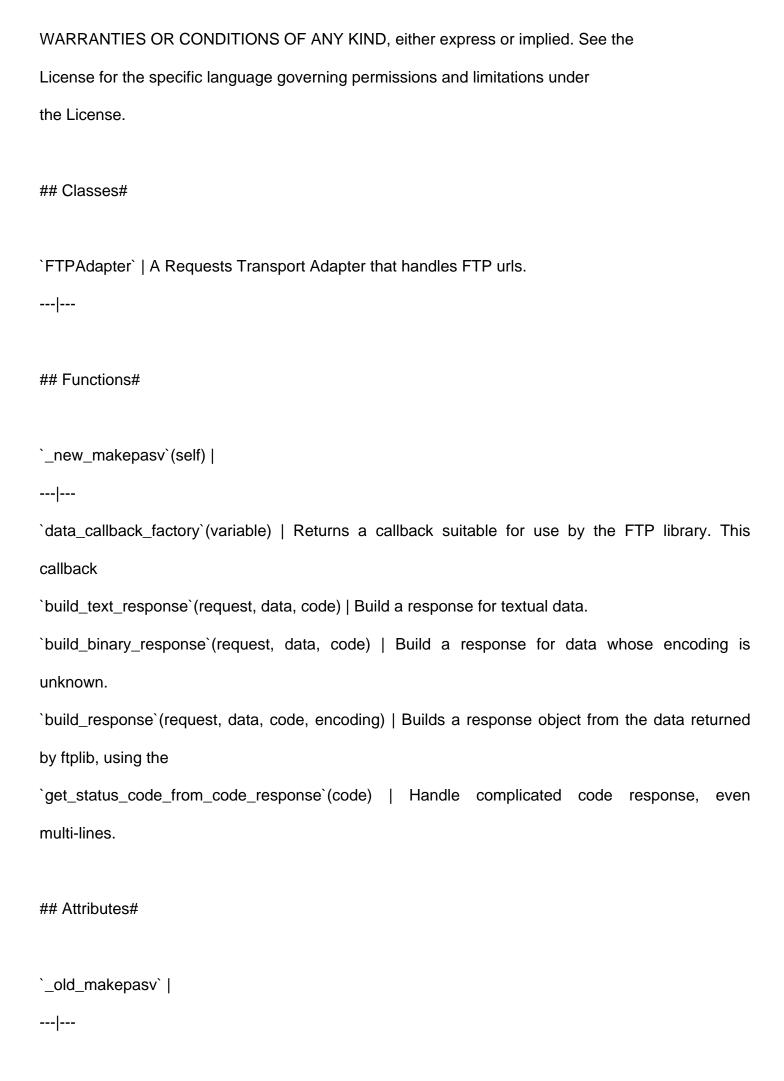
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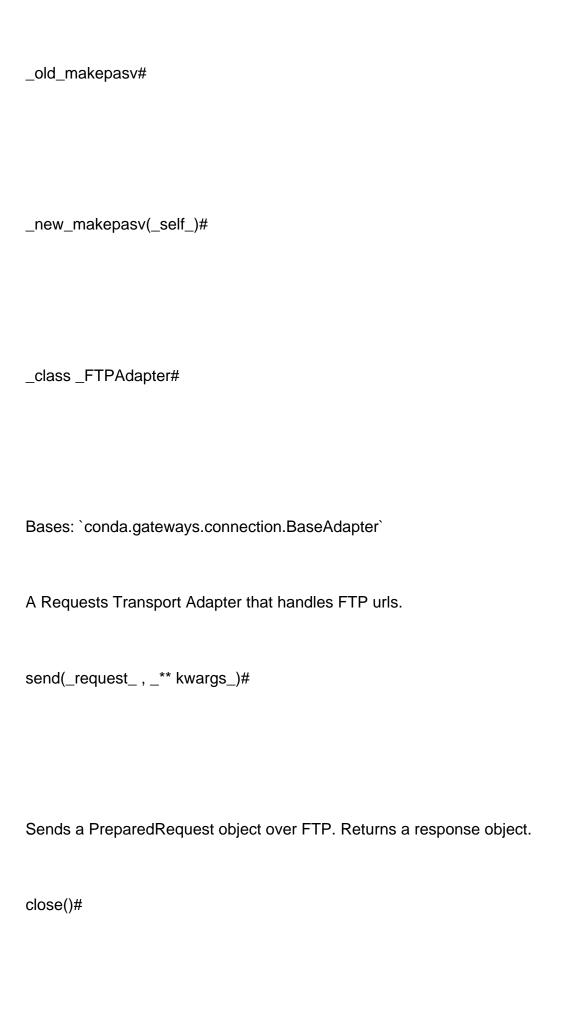
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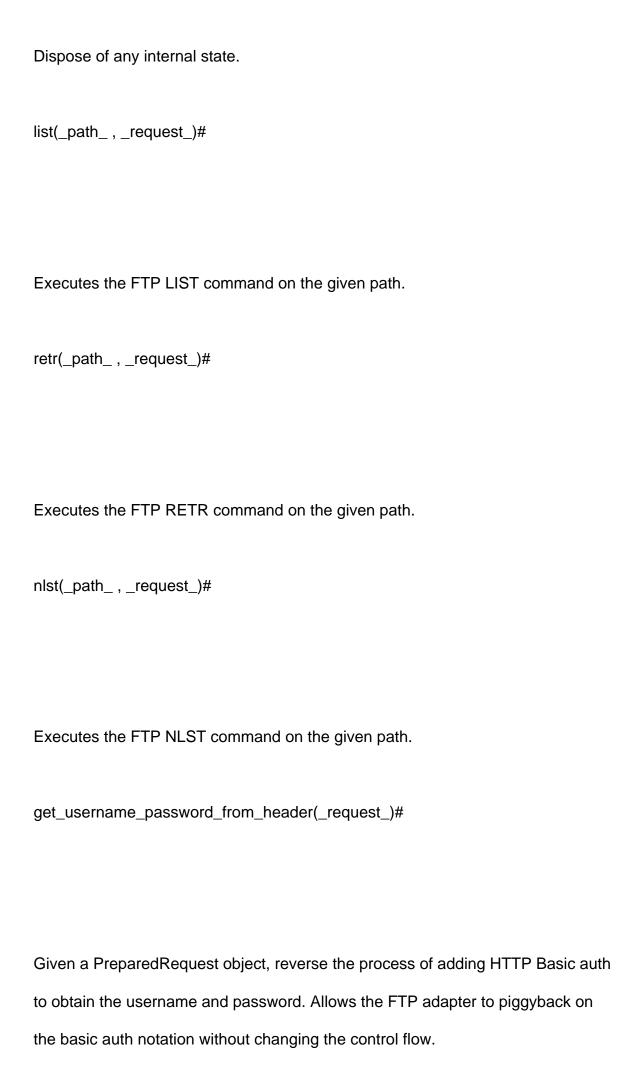
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# `ftp`#
Defines FTP transport adapter for CondaSession (requests.Session).
Taken from requests-ftp ([Lukasa/requests-
ftp](https://github.com/Lukasa/requests-ftp/blob/master/requests_ftp/ftp.py)).
Licensed under the Apache License, Version 2.0 (the "License"); you may not
use this file except in compliance with the License. You may obtain a copy of
the License at
```

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> < http://www.apache.org/licenses/LICENSE-2.0>







get\_host\_and\_path\_from\_url(\_request\_)#

Given a PreparedRequest object, split the URL in such a manner as to determine the host and the path. This is a separate method to wrap some of urlparse's craziness.

data\_callback\_factory(\_variable\_)#

Returns a callback suitable for use by the FTP library. This callback will repeatedly save data into the variable provided to this function. This variable should be a file-like structure.

build\_text\_response(\_request\_ , \_data\_ , \_code\_)#

Build a response for textual data.

build\_binary\_response(\_request\_ , \_data\_ , \_code\_)#

Build a response for data whose encoding is unknown.

build\_response(\_request\_ , \_data\_ , \_code\_ , \_encoding\_)#

Builds a response object from the data returned by ftplib, using the specified encoding.

get\_status\_code\_from\_code\_response(\_code\_)#

Handle complicated code response, even multi-lines.

We get the status code in two ways: \- extracting the code from the last valid line in the response \- getting it from the 3 first digits in the code After a comparison between the two values, we can safely set the code or raise a warning. .. rubric:: Examples

- \* get\_status\_code\_from\_code\_response('200 Welcome') == 200
- \* multi\_line\_code = '226-File successfully transferredn226 0.000 seconds'
  get\_status\_code\_from\_code\_response(multi\_line\_code) == 226
- \* multi\_line\_with\_code\_conflicts = '200-File successfully transferredn226 0.000 seconds'
  get\_status\_code\_from\_code\_response(multi\_line\_with\_code\_conflicts) == 226

For more detail see RFC 959, page 36, on multi-line responses:
<a href="https://www.ietf.org/rfc/rfc959.txt">https://www.ietf.org/rfc/rfc959.txt</a> "Thus the format for multi-line replies
is that the first line
> will begin with the exact required reply code, followed immediately by a
> Hyphen, "-" (also known as Minus), followed by text. The last line will
> begin with the same code, followed immediately by Space <sp>, optionally</sp>
> some text, and the Telnet end-of-line code."
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quide/api/conda/gateways/connection/adapters/ftp/index.rst)
[__Show Source](../../../../_sources/dev-
guide/api/conda/gateways/connection/adapters/ftp/index.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
Dashboard")
Built with the [PyData Sphinx Theme](https://pydata-sphinx-
theme.readthedocs.io/en/stable/index.html) 0.15.4.
```