
staty Documentation

Release 1.1.0

Oswaldo Santana Neto

Apr 26, 2021

CONTENTS

1	Status Map	3
1.1	Class Reference	3
2	HTTP Status Codes	5
2.1	Informational	5
2.2	Successful	6
2.3	Client Error	8
2.4	Server Error	15
3	Exceptions	21
3.1	Staty Base Exception	21
3.2	Mixins	21
3.3	Connection Exceptions	21
3.4	Client Error Exceptions	22
3.5	Server Error Exceptions	25
4	Changes	27
4.1	1.2.4	27
4.2	1.2.3	27
4.3	1.2.2	27
4.4	1.2.1	27
4.5	1.2.0	27
4.6	1.1.1	28
4.7	1.1.0	28
4.8	1.0.0	28
4.9	0.5.0	28
4.10	0.4.3	28
4.11	0.4.2	28
4.12	0.4.0	29
4.13	0.3.1	29
4.14	0.3.0	29
4.15	0.2.2	29
4.16	0.2.1	29
4.17	0.2	29
4.18	0.1	29
	Index	31

Staty is a Python Library with complete information and error handling for HTTP response status codes.

STATUS MAP

You can register a custom HTTP status code in staty's global status map using the `@status.register()` decorator:

```
>>> from staty import status, base
>>> @status.register
... class MyCustomClientError(base.ClientError):
...     code = 494
...     message = "My Client Error"
```

You can reference to registered status as an attribute of status using `status.HTTP_{CODE}_{CLASS_NAME_IN_CONSTANT_NAME_CASE}`:

```
>>> from staty import status
>>> status.HTTP_494_MY_CUSTOM_CLIENT_ERROR == 494
True
```

You can reference an status code using it code as index:

```
>>> status[494] == status.HTTP_494_MY_CUSTOM_CLIENT_ERROR
True
```

1.1 Class Reference

```
class staty.status_map.HTTPStatusMap
    Bases: object
    register (http_status_class)
```


HTTP STATUS CODES

Module: staty.codes

2.1 Informational

```
class staty.codes.Continue
    Bases: staty.base.Informational, staty.base.HTTP11Mixin
    code = 100
    message = 'Continue'
    rfcs = (('7231', '6.2.1'),)

class staty.codes.SwitchingProtocols
    Bases: staty.base.Informational, staty.base.HTTP11Mixin
    code = 101
    message = 'Switching Protocols'
    rfcs = (('7231', '6.2.2'),)

class staty.codes.Processing
    Bases: staty.base.Informational, staty.base.WebDAVMixin
    code = 102
    message = 'Processing'
    rfcs = (('2518', ''),)

class staty.codes.Checkpoint
    Bases: staty.base.Informational, staty.base.UnofficialMixin
    code = 103
    message = 'Checkpoint'
    reference = 'https://en.wikipedia.org/wiki/List_of_HTTP_status_codes#Unofficial_codes'
```

2.2 Successful

```
class staty.codes.Ok
    Bases: staty.base.Successful, staty.base.HTTP10Mixin

    code = 200

    message = 'OK'

    rfcs = (('7231', '6.3.1'),)

class staty.codes.Created
    Bases: staty.base.Successful, staty.base.HTTP10Mixin

    code = 201

    message = 'Created'

    rfcs = (('7231', '6.3.2'),)

class staty.codes.Accepted
    Bases: staty.base.Successful, staty.base.HTTP10Mixin

    code = 202

    message = 'Accepted'

    rfcs = (('7231', '6.3.3'),)

class staty.codes.NonAuthoritativeInformation
    Bases: staty.base.Successful, staty.base.HTTP11Mixin

    code = 203

    message = 'Non-Authoritative Information'

    rfcs = (('7231', '6.3.4'),)

class staty.codes.NoContent
    Bases: staty.base.Successful, staty.base.HTTP10Mixin

    code = 204

    message = 'No Content'

    rfcs = (('7231', '6.3.5'),)

class staty.codes.ResetContent
    Bases: staty.base.Successful, staty.base.HTTP11Mixin

    code = 205

    message = 'Reset Content'

    rfcs = (('7231', '6.3.6'),)

class staty.codes.PartialContent
    Bases: staty.base.Successful, staty.base.HTTP11Mixin

    code = 206

    message = 'Partial Content'

    rfcs = (('7233', '4.1'),)

class staty.codes.MultiStatus
    Bases: staty.base.Successful, staty.base.WebDAVMixin
```

```
code = 207
message = 'Multi-Status'
rfcs = (('4918', ''),)

class staty.codes.AlreadyReported
    Bases: staty.base.Successful, staty.base.WebDAVMixin
    code = 208
    message = 'Already Reported'
    rfcs = (('5842', ''),)

class staty.codes.IMUsed
    Bases: staty.base.Successful, staty.base.HTTP11Mixin
    code = 226
    message = 'IM Used'
    rfcs = (('3229', ''),)

class staty.codes.MultipleChoices
    Bases: staty.base.Redirection, staty.base.HTTP10Mixin
    code = 300
    message = 'Multiple Choices'
    rfcs = (('7231', '6.4.1'),)

class staty.codes.MovedPermanently
    Bases: staty.base.Redirection, staty.base.HTTP10Mixin
    code = 301
    message = 'Moved Permanently'
    rfcs = (('7231', '6.4.2'),)

class staty.codes.Found
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin
    code = 302
    message = 'Found'
    rfcs = (('7231', '6.4.3'),)

class staty.codes.SeeOther
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin
    code = 303
    message = 'See Other'
    rfcs = (('7231', '6.4.4'),)

class staty.codes.NotModified
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin
    code = 304
    message = 'Not Modified'
    rfcs = (('7232', '4.1'),)
```

```
class staty.codes.UseProxy
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin

    code = 305

    message = 'Use Proxy'

    rfcs = (('7231', '6.4.5'),)

class staty.codes.SwitchProxy
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin

    code = 306

    message = 'Switch Proxy'

    rfcs = (('7231', '6.4.6'), ('draft', '1.2'))

class staty.codes.TemporaryRedirect
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin

    code = 307

    message = 'Temporary Redirect'

    rfcs = (('7231', '6.4.7'),)

class staty.codes.PermanentRedirect
    Bases: staty.base.Redirection, staty.base.HTTP11Mixin

    code = 308

    message = 'Permanent Redirect'

    rfcs = (('7538', ''),)
```

2.3 Client Error

```
class staty.codes.BadRequest
    Bases: staty.base.ClientError, staty.base.HTTP10Mixin

    code = 400

    exception
        alias of staty.exceptions.BadRequestException

    message = 'Bad Request'

    rfcs = (('7231', '6.5.1'),)

class staty.codes.Unauthorized
    Bases: staty.base.ClientError, staty.base.HTTP10Mixin

    code = 401

    exception
        alias of staty.exceptions.UnauthorizedException

    message = 'Unauthorized'

    rfcs = (('7235', '3.1'),)

class staty.codes.PaymentRequired
    Bases: staty.base.ClientError, staty.base.HTTP10Mixin
```

```

    code = 402

    exception
        alias of staty.exceptions.PaymentRequiredException

    message = 'Payment Required'

    rfcs = (('7231', '6.5.2'),)

class staty.codes.Forbidden
    Bases: staty.base.ClientError, staty.base.HTTP10Mixin

    code = 403

    exception
        alias of staty.exceptions.ForbiddenException

    message = 'Forbidden'

    rfcs = (('7231', '6.5.3'),)

class staty.codes.NotFound
    Bases: staty.base.ClientError, staty.base.HTTP10Mixin

    code = 404

    exception
        alias of staty.exceptions.NotFoundException

    message = 'Not Found'

    rfcs = (('7231', '6.5.4'),)

class staty.codes.MethodNotAllowed
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 405

    exception
        alias of staty.exceptions.MethodNotAllowedException

    message = 'Method Not Allowed'

    rfcs = (('7231', '6.5.5'),)

class staty.codes.NotAcceptable
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 406

    exception
        alias of staty.exceptions.NotAcceptableException

    message = 'Not Acceptable'

    rfcs = (('7231', '6.5.6'),)

class staty.codes.ProxyAuthenticationRequired
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 407

    exception
        alias of staty.exceptions.ProxyAuthenticationRequiredException

    message = 'Proxy Authentication Required'

    rfcs = (('7235', '3.2'),)

```

```
class staty.codes.RequestTimeout
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 408

    exception
        alias of staty.exceptions.RequestTimeoutException

    message = 'Request Timeout'

    rfcs = (('7231', '6.5.7'),)

class staty.codes.Conflict
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 409

    exception
        alias of staty.exceptions.ConflictException

    message = 'Conflict'

    rfcs = (('7231', '6.5.8'),)

class staty.codes.Gone
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 410

    exception
        alias of staty.exceptions.GoneException

    message = 'Gone'

    rfcs = (('7231', '6.5.9'),)

class staty.codes.LengthRequired
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 411

    exception
        alias of staty.exceptions.LengthRequiredException

    message = 'Length Required'

    rfcs = (('7231', '6.5.10'),)

class staty.codes.PreconditionFailed
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 412

    exception
        alias of staty.exceptions.PreconditionFailedException

    message = 'Precondition Failed'

    rfcs = (('7232', '4.2'), ('8144', '3.2'))

class staty.codes.PayloadTooLarge
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 413

    exception
        alias of staty.exceptions.PayloadTooLargeException
```

```

    message = 'Payload Too Large'
    rfcs = (('7231', '6.5.11'),)

class staty.codes.URITooLong
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 414

    exception
        alias of staty.exceptions.URITooLongException

    message = 'URI Too Long'
    rfcs = (('7231', '6.5.12'),)

class staty.codes.UnsupportedMediaType
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 415

    exception
        alias of staty.exceptions.UnsupportedMediaTypeException

    message = 'Unsupported Media Type'
    rfcs = (('7231', '6.5.13'), ('7694', '3'))

class staty.codes.RangeNotSatisfiable
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 416

    exception
        alias of staty.exceptions.RangeNotSatisfiableException

    message = 'Range Not Satisfiable'
    rfcs = (('7233', '4.4'),)

class staty.codes.ExpectationFailed
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 417

    exception
        alias of staty.exceptions.ExpectationFailedException

    message = 'Expectation Failed'
    rfcs = (('7231', '6.5.14'),)

class staty.codes.IAmATeapot
    Bases: staty.base.ClientError, staty.base.HTCP10Mixin

    code = 418

    exception
        alias of staty.exceptions.IAmATeapotException

    message = 'I am a teapot'

class staty.codes.MethodFailure
    Bases: staty.base.ClientError, staty.base.UnofficialMixin

    code = 420

```

```
    exception
        alias of staty.exceptions.MethodFailureException

    message = 'Method Failure'

    reference = 'Spring Framework'

class staty.codes.MisdirectedRequest
    Bases: staty.base.ClientError, staty.base.HTTP20Mixin

    code = 421

    exception
        alias of staty.exceptions.MisdirectedRequestException

    message = 'Misdirected Request'

    rfcs = (('7540', '9.1.2'),)

class staty.codes.UnprocessableEntity
    Bases: staty.base.ClientError, staty.base.WebDAVMixin

    code = 422

    exception
        alias of staty.exceptions.UnprocessableEntityException

    message = 'Unprocessable Entity'

    rfcs = (('4918', ''),)

class staty.codes.Locked
    Bases: staty.base.ClientError, staty.base.WebDAVMixin

    code = 423

    exception
        alias of staty.exceptions.LockedException

    message = 'Locked'

    rfcs = (('4918', ''),)

class staty.codes.FailedDependency
    Bases: staty.base.ClientError, staty.base.WebDAVMixin

    code = 424

    exception
        alias of staty.exceptions.FailedDependencyException

    message = 'Failed Dependency'

    rfcs = (('4918', ''),)

class staty.codes.UpgradeRequired
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 426

    exception
        alias of staty.exceptions.UpgradeRequiredException

    message = 'Upgrade Required'

    rfcs = (('7231', '6.5.15'),)
```

```
class staty.codes.PreconditionRequired
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 428

    exception
        alias of staty.exceptions.PreconditionRequiredException

    message = 'Precondition Required'

    rfcs = (('6585', ''),)

class staty.codes.TooManyRequests
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 429

    exception
        alias of staty.exceptions.TooManyRequestsException

    message = 'Too Many Requests'

    rfcs = (('6585', ''),)

class staty.codes.RequestHeaderFieldsTooLarge
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 431

    exception
        alias of staty.exceptions.RequestHeaderFieldsTooLargeException

    message = 'Request Header Fields Too Large'

    rfcs = (('6585', ''),)

class staty.codes.LoginTimeout
    Bases: staty.base.ClientError, staty.base.IISMixin

    code = 440

    exception
        alias of staty.exceptions.LoginTimeoutException

    message = 'Login Timeout'

class staty.codes.NoResponse
    Bases: staty.base.ClientError, staty.base.NginxMixin

    code = 444

    exception
        alias of staty.exceptions.NoResponseException

    message = 'No Response'

class staty.codes.RetryWith
    Bases: staty.base.ClientError, staty.base.IISMixin

    code = 449

    exception
        alias of staty.exceptions.RetryWithException

    message = 'Retry With'
```

```
class staty.codes.BlockedByWindowsParentalControls
    Bases: staty.base.ClientError, staty.base.UnofficialMixin

    code = 450

    exception
        alias of staty.exceptions.BlockedByWindowsParentalControlsException

    message = 'Blocked By Windows Parental Controls'

    reference = 'Microsoft'

class staty.codes.UnavailableForLegalReasons
    Bases: staty.base.ClientError, staty.base.HTTP11Mixin

    code = 451

    exception
        alias of staty.exceptions.UnavailableForLegalReasonsException

    message = 'Unavailable For Legal Reasons'

    rfcs = (('7725', ''),)

class staty.codes.Redirect
    Bases: staty.base.ClientError, staty.base.IISMixin

    code = 451

    exception
        alias of staty.exceptions.BadGatewayException

    message = 'Redirect'

class staty.codes.SSLCertificateError
    Bases: staty.base.ClientError, staty.base.NginxMixin

    code = 495

    exception
        alias of staty.exceptions.SSLCertificateErrorException

    message = 'SSL Certificate Error'

class staty.codes.SSLCertificateRequired
    Bases: staty.base.ClientError, staty.base.NginxMixin

    code = 496

    exception
        alias of staty.exceptions.SSLCertificateRequiredException

    message = 'SSL Certificate Required'

class staty.codes.HTTPRequestSentToHTTPSPort
    Bases: staty.base.ClientError, staty.base.NginxMixin

    code = 497

    exception
        alias of staty.exceptions.HTTPRequestSentToHTTPSPortException

    message = 'HTTP Request Sent To HTTPS Port'

class staty.codes.InvalidToken
    Bases: staty.base.ClientError, staty.base.UnofficialMixin
```

```

    code = 498

    exception
        alias of staty.exceptions.InvalidTokenException

    message = 'Invalid Token'

    reference = 'ArcGIS for Server'

class staty.codes.ClientClosedRequest
    Bases: staty.base.ClientError, staty.base.NginxMixin

    code = 499

    exception
        alias of staty.exceptions.ClientClosedRequestException

    message = 'Client Closed Request'

class staty.codes.RequestHasBeenForbiddenByAntivirus
    Bases: staty.base.ClientError, staty.base.UnofficialMixin

    code = 499

    exception
        alias of staty.exceptions.RequestHasBeenForbiddenByAntivirusException

    message = 'Request Has Been Forbidden By Antivirus'

    reference = 'https://en.wikipedia.org/wiki/List_of_HTTP_status_codes#Unofficial_codes'

class staty.codes.TokenRequired
    Bases: staty.base.ClientError, staty.base.UnofficialMixin

    code = 499

    exception
        alias of staty.exceptions.TokenRequiredException

    message = 'Token Required'

    reference = 'ArcGIS for Server'

```

2.4 Server Error

```

class staty.codes.InternalServerError
    Bases: staty.base.ServerError, staty.base.HTTP10Mixin

    code = 500

    exception
        alias of staty.exceptions.InternalServerErrorException

    message = 'Internal Server Error'

    rfcs = (('7231', '6.6.1'),)

class staty.codes.NotImplemented
    Bases: staty.base.ServerError, staty.base.HTTP10Mixin

    code = 501

    exception
        alias of staty.exceptions.NotImplementedException

```

```
    message = 'Not Implemented'
    rfcs = (('7231', '6.6.2'),)

class staty.codes.BadGateway
    Bases: staty.base.ServerError, staty.base.HTTP10Mixin

    code = 502

    exception
        alias of staty.exceptions.BadGatewayException

    message = 'Bad Gateway'

    rfcs = (('7231', '6.6.3'),)

class staty.codes.ServiceUnavailable
    Bases: staty.base.ServerError, staty.base.HTTP10Mixin

    code = 503

    exception
        alias of staty.exceptions.ServiceUnavailableException

    message = 'Service Unavailable'

    rfcs = (('7231', '6.6.4'),)

class staty.codes.GatewayTimeout
    Bases: staty.base.ServerError, staty.base.HTTP11Mixin

    code = 504

    exception
        alias of staty.exceptions.GatewayTimeoutException

    message = 'Gateway Timeout'

    rfcs = (('7231', '6.6.5'),)

class staty.codes.HTTPVersionNotSupported
    Bases: staty.base.ServerError, staty.base.HTTP11Mixin

    code = 505

    exception
        alias of staty.exceptions.HTTPVersionNotSupportedException

    message = 'HTTP Version Not Supported'

    rfcs = (('7231', '6.6.6'),)

class staty.codes.VariantAlsoNegotiates
    Bases: staty.base.ServerError, staty.base.HTTP11Mixin

    code = 506

    exception
        alias of staty.exceptions.VariantAlsoNegotiatesException

    message = 'Variant Also Negotiates'

    rfcs = (('2295', ''),)

class staty.codes.InsufficientStorage
    Bases: staty.base.ServerError, staty.base.WebDAVMixin

    code = 507
```

```

    exception
        alias of staty.exceptions.InsufficientStorageException

    message = 'Insufficient Storage'

    rfcs = (('4918', ''),)

class staty.codes.LoopDetected
    Bases: staty.base.ServerError, staty.base.WebDAVMixin

    code = 508

    exception
        alias of staty.exceptions.LoopDetectedException

    message = 'Loop Detected'

    rfcs = (('5842', ''),)

class staty.codes.BandwidthLimitExceeded
    Bases: staty.base.ServerError, staty.base.UnofficialMixin

    code = 509

    exception
        alias of staty.exceptions.BandwidthLimitExceededException

    message = 'Bandwidth Limit Exceeded'

    reference = 'Apache Web Server/cPanel'

class staty.codes.NotExtended
    Bases: staty.base.ServerError, staty.base.HTTP11Mixin

    code = 510

    exception
        alias of staty.exceptions.NotExtendedException

    message = 'Not Extended'

    rfcs = (('2774', ''),)

class staty.codes.NetworkAuthenticationRequired
    Bases: staty.base.ServerError, staty.base.HTTP11Mixin

    code = 511

    exception
        alias of staty.exceptions.NetworkAuthenticationRequiredException

    message = 'Network Authentication Required'

    rfcs = (('6585', ''),)

class staty.codes.UnknownError
    Bases: staty.base.ServerError, staty.base.CloudflareMixin

    code = 520

    exception
        alias of staty.exceptions.UnknownErrorException

    message = 'Unknown Error'

class staty.codes.WebServerIsDown
    Bases: staty.base.ServerError, staty.base.CloudflareMixin

```

```
code = 521
exception
    alias of staty.exceptions.WebServerIsDownException
message = 'Web Server Is Down'
class staty.codes.ConnectionTimedOut
    Bases: staty.base.ServerError, staty.base.CloudflareMixin
    code = 522
    exception
        alias of staty.exceptions.ConnectionTimedOutException
    message = 'Connection Timed Out'
class staty.codes.OriginIsUnreachable
    Bases: staty.base.ServerError, staty.base.CloudflareMixin
    code = 523
    exception
        alias of staty.exceptions.OriginIsUnreachableException
    message = 'Origin Is Unreachable'
class staty.codes.ATimeoutOccurred
    Bases: staty.base.ServerError, staty.base.CloudflareMixin
    code = 524
    exception
        alias of staty.exceptions.ATimeoutOccurredException
    message = 'A Timeout Occurred'
class staty.codes.SSLHandshakeFailed
    Bases: staty.base.ServerError, staty.base.CloudflareMixin
    code = 525
    exception
        alias of staty.exceptions.SSLHandshakeFailedException
    message = 'SSL Handshake Failed'
class staty.codes.InvalidSSLCertificate
    Bases: staty.base.ServerError, staty.base.CloudflareMixin
    code = 526
    exception
        alias of staty.exceptions.InvalidSSLCertificateException
    message = 'Invalid SSL Certificate'
class staty.codes.SiteIsFrozen
    Bases: staty.base.ServerError, staty.base.UnofficialMixin
    code = 530
    exception
        alias of staty.exceptions.SiteIsFrozenException
    message = 'Site Is Frozen'
```

```
reference = 'Pantheon'
```


EXCEPTIONS

Module: `staty.exceptions`

3.1 Staty Base Exception

```
class staty.exceptions.StatyBaseException
    Bases: Exception

class staty.exceptions.RegistrationException
    Bases: staty.exceptions.StatyBaseException

class staty.exceptions.MissingHandlerException
    Bases: staty.exceptions.StatyBaseException

class staty.exceptions.HTTPError(*args, response=None, request=None)
    Bases: staty.exceptions.StatyBaseException

    property status

class staty.exceptions.ConnectionException
    Bases: staty.exceptions.StatyBaseException
```

3.2 Mixins

```
class staty.exceptions.RecoverableErrorMixin
    Bases: Exception

class staty.exceptions.UnrecoverableErrorMixin
    Bases: Exception
```

3.3 Connection Exceptions

```
class staty.exceptions.ConnectionException
    Bases: staty.exceptions.StatyBaseException

class staty.exceptions.ConnectionTimeoutException
    Bases: socket.timeout, staty.exceptions.ConnectionException, staty.exceptions.RecoverableErrorMixin
```

```
class staty.exceptions.NameResolutionException
    Bases:      socket.gaierror,      staty.exceptions.ConnectionException,      staty.
exceptions.RecoverableErrorMixin

class staty.exceptions.HostAddressException
    Bases: socket.herror, staty.exceptions.ConnectionException, staty.exceptions.
RecoverableErrorMixin

class staty.exceptions.SSLException
    Bases:      staty.exceptions.ConnectionException,      staty.exceptions.
RecoverableErrorMixin

class staty.exceptions.ProxyException
    Bases:      staty.exceptions.ConnectionException,      staty.exceptions.
RecoverableErrorMixin
```

3.4 Client Error Exceptions

```
class staty.exceptions.ClientErrorException (*args, response=None, request=None)
    Bases: staty.exceptions.HTTPError

class staty.exceptions.RecoverableClientErrorException (*args, response=None, re-
quest=None)
    Bases:      staty.exceptions.ClientErrorException,      staty.exceptions.
RecoverableErrorMixin

class staty.exceptions.UnrecoverableClientErrorException (*args, response=None,
request=None)
    Bases:      staty.exceptions.ClientErrorException,      staty.exceptions.
UnrecoverableErrorMixin

class staty.exceptions.PreconditionRequiredException (*args, response=None, re-
quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.TooManyRequestsException (*args, response=None, re-
quest=None)
    Bases: staty.exceptions.RecoverableClientErrorException

class staty.exceptions.BadRequestException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.UnauthorizedException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.PaymentRequiredException (*args, response=None, re-
quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.ForbiddenException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.NotFoundException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.MethodNotAllowedException (*args, response=None, re-
quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException
```

```

class staty.exceptions.NotAcceptableException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.ProxyAuthenticationRequiredException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.RequestTimeoutException(*args, response=None, request=None)
    Bases: staty.exceptions.RecoverableClientErrorException

class staty.exceptions.ConflictException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.GoneException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.LengthRequiredException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.PreconditionFailedException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.PayloadTooLargeException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.URITooLongException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.UnsupportedMediaTypeException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.RangeNotSatisfiableException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.ExpectationFailedException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.IAmATeapotException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.MisdirectedRequestException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.UnprocessableEntityException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.LockedException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.FailedDependencyException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.UpgradeRequiredException(*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

```

```
class staty.exceptions.UnavailableForLegalReasonsException (*args,           re-
                                                         sponse=None, re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.RequestHeaderFieldsTooLargeException (*args,           re-
                                                         sponse=None,
                                                         request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.MethodFailureException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.BlockedByWindowsParentalControlsException (*args,      re-
                                                         sponse=None,
                                                         re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.InvalidTokenException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.TokenRequiredException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.RequestHasBeenForbiddenByAntivirusException (*args, re-
                                                         sponse=None,
                                                         re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.LoginTimeoutException (*args, response=None, request=None)
    Bases: staty.exceptions.RecoverableClientErrorException

class staty.exceptions.RetryWithException (*args, response=None, request=None)
    Bases: staty.exceptions.RecoverableClientErrorException

class staty.exceptions.SSLCertificateErrorException (*args, response=None, re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.SSLCertificateRequiredException (*args, response=None, re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.HTTPRequestSentToHTTPSPortException (*args,           re-
                                                         sponse=None, re-
                                                         quest=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.NoResponseException (*args, response=None, request=None)
    Bases: staty.exceptions.UnrecoverableClientErrorException

class staty.exceptions.ClientClosedRequestException (*args, response=None, re-
                                                         quest=None)
    Bases: staty.exceptions.RecoverableClientErrorException
```

3.5 Server Error Exceptions

```
class staty.exceptions.ServerErrorException (*args, response=None, request=None)
    Bases: staty.exceptions.HTTPError, staty.exceptions.RecoverableErrorMixin
```

```
class staty.exceptions.InternalServerErrorException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.NotImplementedException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.BadGatewayException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.ServiceUnavailableException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.GatewayTimeoutException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.HTTPVersionNotSupportedException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.VariantAlsoNegotiatesException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.InsufficientStorageException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.LoopDetectedException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.NotExtendedException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.NetworkAuthenticationRequiredException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.BandwidthLimitExceededException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.SiteIsFrozenException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.InvalidSSLCertificateException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.SSLHandshakeFailedException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.ATimeoutOccurredException (*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

```
class staty.exceptions.OriginIsUnreachableException(*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException

class staty.exceptions.ConnectionTimedOutException(*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException

class staty.exceptions.WebServerIsDownException(*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException

class staty.exceptions.UnknownErrorException(*args, response=None, request=None)
    Bases: staty.exceptions.ServerErrorException
```

CHANGES

4.1 1.2.4

- Use `.format()` instead of f-string
- Official support only for CPython 3.7 and 3.8
- Update requirements

4.2 1.2.3

- Update requirements to fix security issues

4.3 1.2.2

- Fix an circular import issue

4.4 1.2.1

- Fix an small issue with base `HTTPError` exception due to lack of status attribute

4.5 1.2.0

- Add status object in exception objects

4.6 1.1.1

- Replace bumpversion support with CHANGES.rst option
- Add support for setup.py version command
- Adopt twine for PyPI release/upload
- Use README.rst as a long description at PyPI
- Update some requirements

4.7 1.1.0

- Add an HTTPStatus base class for type annotation usage

4.8 1.0.0

- Refactor status check/test implementation
- Add numeric code to status map

4.9 0.5.0

- Remove HTTP statuses global maps
- Create global StatusMap registry with constant attributes support
- Add support for HTTP code comparison with integers, strings, HTTP classes, etc
- Improve documentation organization, presentation and formatting

4.10 0.4.3

- Fixed CI and documentation builds

4.11 0.4.2

- Fix setup.py errors

4.12 0.4.0

- Add initial documentation
- Update dev requirements
- Configure bumpversion for library release

4.13 0.3.1

- Fix SwitchProxy class message

4.14 0.3.0

- Add RFC references when available.

4.15 0.2.2

- Small refactoring in HTTPError class implementation

4.16 0.2.1

- Fix CI (travis/tox) errors

4.17 0.2

- Initial support for requests response handling and wrapping.
- Exception mixins must be derived from mixins to be used with try:/except:
- Minor improvements and :lipstick: in code formatting and project organization

4.18 0.1

- First version

A

Accepted (*class in staty.codes*), 6
 AlreadyReported (*class in staty.codes*), 7
 ATimeoutOccurred (*class in staty.codes*), 18
 ATimeoutOccurredException (*class in staty.exceptions*), 25

B

BadGateway (*class in staty.codes*), 16
 BadGatewayException (*class in staty.exceptions*), 25
 BadRequest (*class in staty.codes*), 8
 BadRequestException (*class in staty.exceptions*), 22
 BandwidthLimitExceeded (*class in staty.codes*), 17
 BandwidthLimitExceededException (*class in staty.exceptions*), 25
 BlockedByWindowsParentalControls (*class in staty.codes*), 13
 BlockedByWindowsParentalControlsException (*class in staty.exceptions*), 24

C

Checkpoint (*class in staty.codes*), 5
 ClientClosedRequest (*class in staty.codes*), 15
 ClientClosedRequestException (*class in staty.exceptions*), 24
 ClientErrorException (*class in staty.exceptions*), 22
 code (*staty.codes.Accepted attribute*), 6
 code (*staty.codes.AlreadyReported attribute*), 7
 code (*staty.codes.ATimeoutOccurred attribute*), 18
 code (*staty.codes.BadGateway attribute*), 16
 code (*staty.codes.BadRequest attribute*), 8
 code (*staty.codes.BandwidthLimitExceeded attribute*), 17
 code (*staty.codes.BlockedByWindowsParentalControls attribute*), 14
 code (*staty.codes.Checkpoint attribute*), 5
 code (*staty.codes.ClientClosedRequest attribute*), 15
 code (*staty.codes.Conflict attribute*), 10

code (*staty.codes.ConnectionTimedOut attribute*), 18
 code (*staty.codes.Continue attribute*), 5
 code (*staty.codes.Created attribute*), 6
 code (*staty.codes.ExpectationFailed attribute*), 11
 code (*staty.codes.FailedDependency attribute*), 12
 code (*staty.codes.Forbidden attribute*), 9
 code (*staty.codes.Found attribute*), 7
 code (*staty.codes.GatewayTimeout attribute*), 16
 code (*staty.codes.Gone attribute*), 10
 code (*staty.codes.HTTPRequestSentToHTTPSPort attribute*), 14
 code (*staty.codes.HTTPVersionNotSupported attribute*), 16
 code (*staty.codes.IAmATeapot attribute*), 11
 code (*staty.codes.IMUsed attribute*), 7
 code (*staty.codes.InsufficientStorage attribute*), 16
 code (*staty.codes.InternalServerError attribute*), 15
 code (*staty.codes.InvalidSSLCertificate attribute*), 18
 code (*staty.codes.InvalidToken attribute*), 14
 code (*staty.codes.LengthRequired attribute*), 10
 code (*staty.codes.Locked attribute*), 12
 code (*staty.codes.LoginTimeout attribute*), 13
 code (*staty.codes.LoopDetected attribute*), 17
 code (*staty.codes.MethodFailure attribute*), 11
 code (*staty.codes.MethodNotAllowed attribute*), 9
 code (*staty.codes.MisdirectedRequest attribute*), 12
 code (*staty.codes.MovedPermanently attribute*), 7
 code (*staty.codes.MultipleChoices attribute*), 7
 code (*staty.codes.MultiStatus attribute*), 6
 code (*staty.codes.NetworkAuthenticationRequired attribute*), 17
 code (*staty.codes.NoContent attribute*), 6
 code (*staty.codes.NonAuthoritativeInformation attribute*), 6
 code (*staty.codes.NoResponse attribute*), 13
 code (*staty.codes.NotAcceptable attribute*), 9
 code (*staty.codes.NotExtended attribute*), 17
 code (*staty.codes.NotFound attribute*), 9
 code (*staty.codes.NotImplemented attribute*), 15
 code (*staty.codes.NotModified attribute*), 7
 code (*staty.codes.Ok attribute*), 6
 code (*staty.codes.OriginIsUnreachable attribute*), 18

code (*staty.codes.PartialContent* attribute), 6
code (*staty.codes.PayloadTooLarge* attribute), 10
code (*staty.codes.PaymentRequired* attribute), 8
code (*staty.codes.PermanentRedirect* attribute), 8
code (*staty.codes.PreconditionFailed* attribute), 10
code (*staty.codes.PreconditionRequired* attribute), 13
code (*staty.codes.Processing* attribute), 5
code (*staty.codes.ProxyAuthenticationRequired* attribute), 9
code (*staty.codes.RangeNotSatisfiable* attribute), 11
code (*staty.codes.Redirect* attribute), 14
code (*staty.codes.RequestHasBeenForbiddenByAntivirus* attribute), 15
code (*staty.codes.RequestHeaderFieldsTooLarge* attribute), 13
code (*staty.codes.RequestTimeout* attribute), 10
code (*staty.codes.ResetContent* attribute), 6
code (*staty.codes.RetryWith* attribute), 13
code (*staty.codes.SeeOther* attribute), 7
code (*staty.codes.ServiceUnavailable* attribute), 16
code (*staty.codes.SiteIsFrozen* attribute), 18
code (*staty.codes.SSLCertificateError* attribute), 14
code (*staty.codes.SSLCertificateRequired* attribute), 14
code (*staty.codes.SSLHandshakeFailed* attribute), 18
code (*staty.codes.SwitchingProtocols* attribute), 5
code (*staty.codes.SwitchProxy* attribute), 8
code (*staty.codes.TemporaryRedirect* attribute), 8
code (*staty.codes.TokenRequired* attribute), 15
code (*staty.codes.TooManyRequests* attribute), 13
code (*staty.codes.Unauthorized* attribute), 8
code (*staty.codes.UnavailableForLegalReasons* attribute), 14
code (*staty.codes.UnknownError* attribute), 17
code (*staty.codes.UnprocessableEntity* attribute), 12
code (*staty.codes.UnsupportedMediaType* attribute), 11
code (*staty.codes.UpgradeRequired* attribute), 12
code (*staty.codes.URITooLong* attribute), 11
code (*staty.codes.UseProxy* attribute), 8
code (*staty.codes.VariantAlsoNegotiates* attribute), 16
code (*staty.codes.WebServerIsDown* attribute), 17
Conflict (class in *staty.codes*), 10
ConflictException (class in *staty.exceptions*), 23
ConnectionException (class in *staty.exceptions*), 21
ConnectionTimedOut (class in *staty.codes*), 18
ConnectionTimedOutException (class in *staty.exceptions*), 26
ConnectionTimeoutException (class in *staty.exceptions*), 21
Continue (class in *staty.codes*), 5
Created (class in *staty.codes*), 6

E
exception (*staty.codes.ATimeoutOccurred* attribute), 18
exception (*staty.codes.BadGateway* attribute), 16
exception (*staty.codes.BadRequest* attribute), 8
exception (*staty.codes.BandwidthLimitExceeded* attribute), 17
exception (*staty.codes.BlockedByWindowsParentalControls* attribute), 14
exception (*staty.codes.ClientClosedRequest* attribute), 15
exception (*staty.codes.Conflict* attribute), 10
exception (*staty.codes.ConnectionTimedOut* attribute), 18
exception (*staty.codes.ExpectationFailed* attribute), 11
exception (*staty.codes.FailedDependency* attribute), 12
exception (*staty.codes.Forbidden* attribute), 9
exception (*staty.codes.GatewayTimeout* attribute), 16
exception (*staty.codes.Gone* attribute), 10
exception (*staty.codes.HTTPRequestSentToHTTPSPort* attribute), 14
exception (*staty.codes.HTTPVersionNotSupported* attribute), 16
exception (*staty.codes.IAmATeapot* attribute), 11
exception (*staty.codes.InsufficientStorage* attribute), 16
exception (*staty.codes.InternalServerError* attribute), 15
exception (*staty.codes.InvalidSSLCertificate* attribute), 18
exception (*staty.codes.InvalidToken* attribute), 15
exception (*staty.codes.LengthRequired* attribute), 10
exception (*staty.codes.Locked* attribute), 12
exception (*staty.codes.LoginTimeout* attribute), 13
exception (*staty.codes.LoopDetected* attribute), 17
exception (*staty.codes.MethodFailure* attribute), 11
exception (*staty.codes.MethodNotAllowed* attribute), 9
exception (*staty.codes.MisdirectedRequest* attribute), 12
exception (*staty.codes.NetworkAuthenticationRequired* attribute), 17
exception (*staty.codes.NoResponse* attribute), 13
exception (*staty.codes.NotAcceptable* attribute), 9
exception (*staty.codes.NotExtended* attribute), 17
exception (*staty.codes.NotFound* attribute), 9
exception (*staty.codes.NotImplemented* attribute), 15
exception (*staty.codes.OriginIsUnreachable* attribute), 18
exception (*staty.codes.PayloadTooLarge* attribute), 10
exception (*staty.codes.PaymentRequired* attribute), 9
exception (*staty.codes.PreconditionFailed* attribute), 10

exception (*staty.codes.PreconditionRequired* attribute), 13

exception (*staty.codes.ProxyAuthenticationRequired* attribute), 9

exception (*staty.codes.RangeNotSatisfiable* attribute), 11

exception (*staty.codes.Redirect* attribute), 14

exception (*staty.codes.RequestHasBeenForbiddenByAntivirus* attribute), 15

exception (*staty.codes.RequestHeaderFieldsTooLarge* attribute), 13

exception (*staty.codes.RequestTimeout* attribute), 10

exception (*staty.codes.RetryWith* attribute), 13

exception (*staty.codes.ServiceUnavailable* attribute), 16

exception (*staty.codes.SiteIsFrozen* attribute), 18

exception (*staty.codes.SSLCertificateError* attribute), 14

exception (*staty.codes.SSLCertificateRequired* attribute), 14

exception (*staty.codes.SSLHandshakeFailed* attribute), 18

exception (*staty.codes.TokenRequired* attribute), 15

exception (*staty.codes.TooManyRequests* attribute), 13

exception (*staty.codes.Unauthorized* attribute), 8

exception (*staty.codes.UnavailableForLegalReasons* attribute), 14

exception (*staty.codes.UnknownError* attribute), 17

exception (*staty.codes.UnprocessableEntity* attribute), 12

exception (*staty.codes.UnsupportedMediaType* attribute), 11

exception (*staty.codes.UpgradeRequired* attribute), 12

exception (*staty.codes.URITooLong* attribute), 11

exception (*staty.codes.VariantAlsoNegotiates* attribute), 16

exception (*staty.codes.WebServerIsDown* attribute), 18

ExpectationFailed (class in *staty.codes*), 11

ExpectationFailedException (class in *staty.exceptions*), 23

F

FailedDependency (class in *staty.codes*), 12

FailedDependencyException (class in *staty.exceptions*), 23

Forbidden (class in *staty.codes*), 9

ForbiddenException (class in *staty.exceptions*), 22

Found (class in *staty.codes*), 7

G

GatewayTimeout (class in *staty.codes*), 16

GatewayTimeoutException (class in *staty.exceptions*), 25

Gone (class in *staty.codes*), 10

GoneException (class in *staty.exceptions*), 23

H

HostAddressException (class in *staty.exceptions*),

HTTPError (class in *staty.exceptions*), 21

HTTPRequestSentToHTTPSPort (class in *staty.codes*), 14

HTTPRequestSentToHTTPSPortException (class in *staty.exceptions*), 24

HTTPStatusMap (class in *staty.status_map*), 3

HTTPVersionNotSupported (class in *staty.codes*), 16

HTTPVersionNotSupportedException (class in *staty.exceptions*), 25

I

IAmATeapot (class in *staty.codes*), 11

IAmATeapotException (class in *staty.exceptions*), 23

IMUsed (class in *staty.codes*), 7

InsufficientStorage (class in *staty.codes*), 16

InsufficientStorageException (class in *staty.exceptions*), 25

InternalServerError (class in *staty.codes*), 15

InternalServerErrorException (class in *staty.exceptions*), 25

InvalidSSLCertificate (class in *staty.codes*), 18

InvalidSSLCertificateException (class in *staty.exceptions*), 25

InvalidToken (class in *staty.codes*), 14

InvalidTokenException (class in *staty.exceptions*), 24

L

LengthRequired (class in *staty.codes*), 10

LengthRequiredException (class in *staty.exceptions*), 23

Locked (class in *staty.codes*), 12

LockedException (class in *staty.exceptions*), 23

LoginTimeout (class in *staty.codes*), 13

LoginTimeoutException (class in *staty.exceptions*), 24

LoopDetected (class in *staty.codes*), 17

LoopDetectedException (class in *staty.exceptions*), 25

M

message (*staty.codes.Accepted* attribute), 6

message (*staty.codes.AlreadyReported* attribute), 7

message (*staty.codes.ATimeoutOccurred* attribute), 18
message (*staty.codes.BadGateway* attribute), 16
message (*staty.codes.BadRequest* attribute), 8
message (*staty.codes.BandwidthLimitExceeded* attribute), 17
message (*staty.codes.BlockedByWindowsParentalControls* attribute), 14
message (*staty.codes.Checkpoint* attribute), 5
message (*staty.codes.ClientClosedRequest* attribute), 15
message (*staty.codes.Conflict* attribute), 10
message (*staty.codes.ConnectionTimedOut* attribute), 18
message (*staty.codes.Continue* attribute), 5
message (*staty.codes.Created* attribute), 6
message (*staty.codes.ExpectationFailed* attribute), 11
message (*staty.codes.FailedDependency* attribute), 12
message (*staty.codes.Forbidden* attribute), 9
message (*staty.codes.Found* attribute), 7
message (*staty.codes.GatewayTimeout* attribute), 16
message (*staty.codes.Gone* attribute), 10
message (*staty.codes.HTTPRequestSentToHTTPSPort* attribute), 14
message (*staty.codes.HTTPVersionNotSupported* attribute), 16
message (*staty.codes.IAmATeapot* attribute), 11
message (*staty.codes.IMUsed* attribute), 7
message (*staty.codes.InsufficientStorage* attribute), 17
message (*staty.codes.InternalServerError* attribute), 15
message (*staty.codes.InvalidSSLCertificate* attribute), 18
message (*staty.codes.InvalidToken* attribute), 15
message (*staty.codes.LengthRequired* attribute), 10
message (*staty.codes.Locked* attribute), 12
message (*staty.codes.LoginTimeout* attribute), 13
message (*staty.codes.LoopDetected* attribute), 17
message (*staty.codes.MethodFailure* attribute), 12
message (*staty.codes.MethodNotAllowed* attribute), 9
message (*staty.codes.MisdirectedRequest* attribute), 12
message (*staty.codes.MovedPermanently* attribute), 7
message (*staty.codes.MultipleChoices* attribute), 7
message (*staty.codes.MultiStatus* attribute), 7
message (*staty.codes.NetworkAuthenticationRequired* attribute), 17
message (*staty.codes.NoContent* attribute), 6
message (*staty.codes.NonAuthoritativeInformation* attribute), 6
message (*staty.codes.NoResponse* attribute), 13
message (*staty.codes.NotAcceptable* attribute), 9
message (*staty.codes.NotExtended* attribute), 17
message (*staty.codes.NotFound* attribute), 9
message (*staty.codes.NotImplemented* attribute), 15
message (*staty.codes.NotModified* attribute), 7
message (*staty.codes.Ok* attribute), 6
message (*staty.codes.OriginIsUnreachable* attribute), 18
message (*staty.codes.PartialContent* attribute), 6
message (*staty.codes.PayloadTooLarge* attribute), 10
message (*staty.codes.PaymentRequired* attribute), 9
message (*staty.codes.PermanentRedirect* attribute), 8
message (*staty.codes.PreconditionFailed* attribute), 10
message (*staty.codes.PreconditionRequired* attribute), 13
message (*staty.codes.Processing* attribute), 5
message (*staty.codes.ProxyAuthenticationRequired* attribute), 9
message (*staty.codes.RangeNotSatisfiable* attribute), 11
message (*staty.codes.Redirect* attribute), 14
message (*staty.codes.RequestHasBeenForbiddenByAntivirus* attribute), 15
message (*staty.codes.RequestHeaderFieldsTooLarge* attribute), 13
message (*staty.codes.RequestTimeout* attribute), 10
message (*staty.codes.ResetContent* attribute), 6
message (*staty.codes.RetryWith* attribute), 13
message (*staty.codes.SeeOther* attribute), 7
message (*staty.codes.ServiceUnavailable* attribute), 16
message (*staty.codes.SiteIsFrozen* attribute), 18
message (*staty.codes.SSLCertificateError* attribute), 14
message (*staty.codes.SSLCertificateRequired* attribute), 14
message (*staty.codes.SSLHandshakeFailed* attribute), 18
message (*staty.codes.SwitchingProtocols* attribute), 5
message (*staty.codes.SwitchProxy* attribute), 8
message (*staty.codes.TemporaryRedirect* attribute), 8
message (*staty.codes.TokenRequired* attribute), 15
message (*staty.codes.TooManyRequests* attribute), 13
message (*staty.codes.Unauthorized* attribute), 8
message (*staty.codes.UnavailableForLegalReasons* attribute), 14
message (*staty.codes.UnknownError* attribute), 17
message (*staty.codes.UnprocessableEntity* attribute), 12
message (*staty.codes.UnsupportedMediaType* attribute), 11
message (*staty.codes.UpgradeRequired* attribute), 12
message (*staty.codes.URITooLong* attribute), 11
message (*staty.codes.UseProxy* attribute), 8
message (*staty.codes.VariantAlsoNegotiates* attribute), 16
message (*staty.codes.WebServerIsDown* attribute), 18
MethodFailure (class in *staty.codes*), 11
MethodFailureException (class in *staty.exceptions*), 24
MethodNotAllowed (class in *staty.codes*), 9
MethodNotAllowedException (class in *staty.exceptions*), 22

MisdirectedRequest (*class in staty.codes*), 12
MisdirectedRequestException (*class in staty.exceptions*), 23
MissingHandlerException (*class in staty.exceptions*), 21
MovedPermanently (*class in staty.codes*), 7
MultipleChoices (*class in staty.codes*), 7
MultiStatus (*class in staty.codes*), 6

N

NameResolutionException (*class in staty.exceptions*), 21
NetworkAuthenticationRequired (*class in staty.codes*), 17
NetworkAuthenticationRequiredException (*class in staty.exceptions*), 25
NoContent (*class in staty.codes*), 6
NonAuthoritativeInformation (*class in staty.codes*), 6
NoResponse (*class in staty.codes*), 13
NoResponseException (*class in staty.exceptions*), 24
NotAcceptable (*class in staty.codes*), 9
NotAcceptableException (*class in staty.exceptions*), 22
NotExtended (*class in staty.codes*), 17
NotExtendedException (*class in staty.exceptions*), 25
NotFound (*class in staty.codes*), 9
NotFoundException (*class in staty.exceptions*), 22
NotImplemented (*class in staty.codes*), 15
NotImplementedException (*class in staty.exceptions*), 25
NotModified (*class in staty.codes*), 7

O

Ok (*class in staty.codes*), 6
OriginIsUnreachable (*class in staty.codes*), 18
OriginIsUnreachableException (*class in staty.exceptions*), 25

P

PartialContent (*class in staty.codes*), 6
PayloadTooLarge (*class in staty.codes*), 10
PayloadTooLargeException (*class in staty.exceptions*), 23
PaymentRequired (*class in staty.codes*), 8
PaymentRequiredException (*class in staty.exceptions*), 22
PermanentRedirect (*class in staty.codes*), 8
PreconditionFailed (*class in staty.codes*), 10
PreconditionFailedException (*class in staty.exceptions*), 23
PreconditionRequired (*class in staty.codes*), 12

PreconditionRequiredException (*class in staty.exceptions*), 22
Processing (*class in staty.codes*), 5
ProxyAuthenticationRequired (*class in staty.codes*), 9
ProxyAuthenticationRequiredException (*class in staty.exceptions*), 23
ProxyException (*class in staty.exceptions*), 22

R

RangeNotSatisfiable (*class in staty.codes*), 11
RangeNotSatisfiableException (*class in staty.exceptions*), 23
RecoverableClientErrorException (*class in staty.exceptions*), 22
RecoverableErrorMixin (*class in staty.exceptions*), 21
Redirect (*class in staty.codes*), 14
reference (*staty.codes.BandwidthLimitExceeded attribute*), 17
reference (*staty.codes.BlockedByWindowsParentalControls attribute*), 14
reference (*staty.codes.Checkpoint attribute*), 5
reference (*staty.codes.InvalidToken attribute*), 15
reference (*staty.codes.MethodFailure attribute*), 12
reference (*staty.codes.RequestHasBeenForbiddenByAntivirus attribute*), 15
reference (*staty.codes.SiteIsFrozen attribute*), 18
reference (*staty.codes.TokenRequired attribute*), 15
register () (*staty.status_map.HTTPStatusMap method*), 3
RegistrationException (*class in staty.exceptions*), 21
RequestHasBeenForbiddenByAntivirus (*class in staty.codes*), 15
RequestHasBeenForbiddenByAntivirusException (*class in staty.exceptions*), 24
RequestHeaderFieldsTooLarge (*class in staty.codes*), 13
RequestHeaderFieldsTooLargeException (*class in staty.exceptions*), 24
RequestTimeout (*class in staty.codes*), 9
RequestTimeoutException (*class in staty.exceptions*), 23
ResetContent (*class in staty.codes*), 6
RetryWith (*class in staty.codes*), 13
RetryWithException (*class in staty.exceptions*), 24
rfcs (*staty.codes.Accepted attribute*), 6
rfcs (*staty.codes.AlreadyReported attribute*), 7
rfcs (*staty.codes.BadGateway attribute*), 16
rfcs (*staty.codes.BadRequest attribute*), 8
rfcs (*staty.codes.Conflict attribute*), 10
rfcs (*staty.codes.Continue attribute*), 5
rfcs (*staty.codes.Created attribute*), 6

[rfcs \(staty.codes.ExpectationFailed attribute\), 11](#)
[rfcs \(staty.codes.FailedDependency attribute\), 12](#)
[rfcs \(staty.codes.Forbidden attribute\), 9](#)
[rfcs \(staty.codes.Found attribute\), 7](#)
[rfcs \(staty.codes.GatewayTimeout attribute\), 16](#)
[rfcs \(staty.codes.Gone attribute\), 10](#)
[rfcs \(staty.codes.HTTPVersionNotSupported attribute\), 16](#)
[rfcs \(staty.codes.IMUsed attribute\), 7](#)
[rfcs \(staty.codes.InsufficientStorage attribute\), 17](#)
[rfcs \(staty.codes.InternalServerError attribute\), 15](#)
[rfcs \(staty.codes.LengthRequired attribute\), 10](#)
[rfcs \(staty.codes.Locked attribute\), 12](#)
[rfcs \(staty.codes.LoopDetected attribute\), 17](#)
[rfcs \(staty.codes.MethodNotAllowed attribute\), 9](#)
[rfcs \(staty.codes.MisdirectedRequest attribute\), 12](#)
[rfcs \(staty.codes.MovedPermanently attribute\), 7](#)
[rfcs \(staty.codes.MultipleChoices attribute\), 7](#)
[rfcs \(staty.codes.MultiStatus attribute\), 7](#)
[rfcs \(staty.codes.NetworkAuthenticationRequired attribute\), 17](#)
[rfcs \(staty.codes.NoContent attribute\), 6](#)
[rfcs \(staty.codes.NonAuthoritativeInformation attribute\), 6](#)
[rfcs \(staty.codes.NotAcceptable attribute\), 9](#)
[rfcs \(staty.codes.NotExtended attribute\), 17](#)
[rfcs \(staty.codes.NotFound attribute\), 9](#)
[rfcs \(staty.codes.NotImplemented attribute\), 16](#)
[rfcs \(staty.codes.NotModified attribute\), 7](#)
[rfcs \(staty.codes.Ok attribute\), 6](#)
[rfcs \(staty.codes.PartialContent attribute\), 6](#)
[rfcs \(staty.codes.PayloadTooLarge attribute\), 11](#)
[rfcs \(staty.codes.PaymentRequired attribute\), 9](#)
[rfcs \(staty.codes.PermanentRedirect attribute\), 8](#)
[rfcs \(staty.codes.PreconditionFailed attribute\), 10](#)
[rfcs \(staty.codes.PreconditionRequired attribute\), 13](#)
[rfcs \(staty.codes.Processing attribute\), 5](#)
[rfcs \(staty.codes.ProxyAuthenticationRequired attribute\), 9](#)
[rfcs \(staty.codes.RangeNotSatisfiable attribute\), 11](#)
[rfcs \(staty.codes.RequestHeaderFieldsTooLarge attribute\), 13](#)
[rfcs \(staty.codes.RequestTimeout attribute\), 10](#)
[rfcs \(staty.codes.ResetContent attribute\), 6](#)
[rfcs \(staty.codes.SeeOther attribute\), 7](#)
[rfcs \(staty.codes.ServiceUnavailable attribute\), 16](#)
[rfcs \(staty.codes.SwitchingProtocols attribute\), 5](#)
[rfcs \(staty.codes.SwitchProxy attribute\), 8](#)
[rfcs \(staty.codes.TemporaryRedirect attribute\), 8](#)
[rfcs \(staty.codes.TooManyRequests attribute\), 13](#)
[rfcs \(staty.codes.Unauthorized attribute\), 8](#)
[rfcs \(staty.codes.UnavailableForLegalReasons attribute\), 14](#)
[rfcs \(staty.codes.UnprocessableEntity attribute\), 12](#)

[rfcs \(staty.codes.UnsupportedMediaType attribute\), 11](#)
[rfcs \(staty.codes.UpgradeRequired attribute\), 12](#)
[rfcs \(staty.codes.URITooLong attribute\), 11](#)
[rfcs \(staty.codes.UseProxy attribute\), 8](#)
[rfcs \(staty.codes.VariantAlsoNegotiates attribute\), 16](#)

S

[SeeOther \(class in staty.codes\), 7](#)
[ServerErrorException \(class in staty.exceptions\), 25](#)
[ServiceUnavailable \(class in staty.codes\), 16](#)
[ServiceUnavailableException \(class in staty.exceptions\), 25](#)
[SiteIsFrozen \(class in staty.codes\), 18](#)
[SiteIsFrozenException \(class in staty.exceptions\), 25](#)
[SSLCertificateError \(class in staty.codes\), 14](#)
[SSLCertificateErrorException \(class in staty.exceptions\), 24](#)
[SSLCertificateRequired \(class in staty.codes\), 14](#)
[SSLCertificateRequiredException \(class in staty.exceptions\), 24](#)
[SSLException \(class in staty.exceptions\), 22](#)
[SSLHandshakeFailed \(class in staty.codes\), 18](#)
[SSLHandshakeFailedException \(class in staty.exceptions\), 25](#)
[status \(\) \(staty.exceptions.HTTPError property\), 21](#)
[StatyBaseException \(class in staty.exceptions\), 21](#)
[SwitchingProtocols \(class in staty.codes\), 5](#)
[SwitchProxy \(class in staty.codes\), 8](#)

T

[TemporaryRedirect \(class in staty.codes\), 8](#)
[TokenRequired \(class in staty.codes\), 15](#)
[TokenRequiredException \(class in staty.exceptions\), 24](#)
[TooManyRequests \(class in staty.codes\), 13](#)
[TooManyRequestsException \(class in staty.exceptions\), 22](#)

U

[Unauthorized \(class in staty.codes\), 8](#)
[UnauthorizedException \(class in staty.exceptions\), 22](#)
[UnavailableForLegalReasons \(class in staty.codes\), 14](#)
[UnavailableForLegalReasonsException \(class in staty.exceptions\), 23](#)
[UnknownError \(class in staty.codes\), 17](#)
[UnknownErrorException \(class in staty.exceptions\), 26](#)
[UnprocessableEntity \(class in staty.codes\), 12](#)

UnprocessableEntityException (class in *staty.exceptions*), [23](#)
UnrecoverableClientErrorException (class in *staty.exceptions*), [22](#)
UnrecoverableErrorMixin (class in *staty.exceptions*), [21](#)
UnsupportedMediaType (class in *staty.codes*), [11](#)
UnsupportedMediaTypeException (class in *staty.exceptions*), [23](#)
UpgradeRequired (class in *staty.codes*), [12](#)
UpgradeRequiredException (class in *staty.exceptions*), [23](#)
URITooLong (class in *staty.codes*), [11](#)
URITooLongException (class in *staty.exceptions*), [23](#)
UseProxy (class in *staty.codes*), [7](#)

V

VariantAlsoNegotiates (class in *staty.codes*), [16](#)
VariantAlsoNegotiatesException (class in *staty.exceptions*), [25](#)

W

WebServerIsDown (class in *staty.codes*), [17](#)
WebServerIsDownException (class in *staty.exceptions*), [26](#)