### AbstractProvider

- + const ACCESS\_TOKEN \_RESOURCE\_OWNER\_ID
- + const METHOD\_GET
- + const METHOD POST
- # \$clientId
- # \$clientSecret
- # \$redirectUri
- # \$state
- # \$grantFactory
- # \$requestFactory
- # \$httpClient
- # \$optionProvider
- \_construct(array \$options=[], array \$collaborators=[])
- + setGrantFactory(GrantFactory \$factory)
- + getGrantFactory()
- + setRequestFactory (RequestFactory \$factory)
- + getRequestFactory()
- + setHttpClient(HttpClient Interface \$client)
- + getHttpClient()
- + setOptionProvider (OptionProviderInterface \$provider)
- + getOptionProvider()
- + getState()
  - et 12 de plus...
- # getAllowedClientOptions (array \$options)
- # getRandomState(\$length=32)
- # getDefaultScopes()
- # getScopeSeparator()
- # getAuthorizationParameters (array \$options)
- # getAuthorizationQuery (array \$params)
- # appendQuery(\$url, \$query)
- # getAccessTokenMethod()
- # getAccessTokenResourceOwnerId()

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# \$accessType

# \$prompt

# \$scopes

# \$hostedDomain

+ getBaseAuthorizationUrl()

+ getBaseAccessTokenUrl

+ getResourceOwnerDetails

Url(AccessToken \$token)

# getAuthorizationParameters

# checkResponse(ResponseInterface

(array \$response, AccessToken

(array \$params)

(array \$options)

# getDefaultScopes()

# getScopeSeparator()

\$response, \$data)

# createResourceOwner

# assertMatchingDomain

(?string \$hostedDomain)

\$token)

# getAccessTokenQuery (array \$params)

### et 14 de plus...

GenericProvider

\_\_construct(array

\$options=[], array

\$collaborators=[])

(array \$params)

+ getDefaultScopes()

# getRequiredOptions()

# getScopeSeparator()

\$response, \$data)

# createResourceOwner

\$token)

+ getBaseAuthorizationUrl()

+ getBaseAccessTokenUrl

+ getResourceOwnerDetails

# getConfigurableOptions()

# getAccessTokenMethod()

# getAccessTokenResourceOwnerId()

# checkResponse(ResponseInterface

(array \$response, AccessToken

Url(AccessToken \$token)

- Azure + const ENDPOINT\_VERSION\_1\_0
- + const ENDPOINT\_VERSION\_2\_0
- + const ENDPOINT\_VERSIONS
- + \$urlLogin
- + \$scope
- + \$scopeSeparator
- + \$tenant
- + \$defaultEndPointVersion
- + \$urlAPI
- + \$resource
- + \$API\_VERSION
- + \$authWithResource
- # \$openIdConfiguration
- \_construct(array \$options=[], array \$collaborators=[])
- + getBaseAuthorizationUrl()
- + getBaseAccessTokenUrl (array \$params)
- + getAccessToken(\$grant, array \$options=[])
- + getResourceOwner( \League\OAuth2\Client \Token\AccessToken \$token)
- + getResourceOwnerDetails Url(\League\OAuth2\Client \Token\AccessToken \$token)
- + getObjects(\$tenant, \$ref, &\$accessToken, \$headers=[])
- + getRootMicrosoftGraphUri (\$accessToken)
- + get(\$ref, &\$accessToken, \$headers=[], \$doNotWrap=false)
- + post(\$ref, \$body, &\$accessToken, \$headers=[]) et 10 de plus...
- # getOpenIdConfiguration (\$tenant, \$version)
- # getVersionUriInfix (\$version)
- # checkResponse(ResponseInterface \$response, \$data)
- # getDefaultScopes()
- # getScopeSeparator()
- # createAccessToken (array \$response, Abstract Grant \$grant)
- # createResourceOwner (array \$response, League \OAuth2\Client\Token\AccessToken

- \_construct(array \$options=[])
- + getAuthorizationUrl (array \$options=[])
- + static getName()
- + static getAdditionalParameters()

# Google

# Azure

- \_construct(array \$options=[])
- + getAuthorizationUrl
- (array \$options=[])
- + static getName()
- + static getAdditionalParameters()