package.ini [RepositorySettings]

The settings of [RepositorySettings] in package.ini: RepositoryDirectory, RemotePackagesIndexURL, RemotePackagesIndexURLBase, AdditionalRemotePackagesIndexURLs, RemotePackagesIndexSources, Vendor, DownloadAttempts...

Source file: `doc/eng-us/examples/ini-settings/package/RepositorySettings.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/examples/ini-settings/package/RepositorySettings.md

The block `[RepositorySettings]` of `settings/package.ini`, with 10 setting(s).

Never edit `settings/package.ini` itself: an update replaces it. Put the settings you change in an override, which wins over the shipped file:

- `settings/override/package.ini.append.php` for every siteaccess,
- `settings/siteaccess/<siteaccess>/package.ini.append.php` for one siteaccess,
- `extension/<extension>/settings/package.ini.append.php` in an extension (read when the extension is active).

RepositoryDirectory

Default: `packages`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
RepositoryDirectory=packages
*/ ?>
```

RemotePackagesIndexURL

> URL where Exponential setup wizard will fetch packages from
> If you want to use the old packages which were available in
> versions prior to 3.9 use the following URL instead:
> http://packages.ez.no/exponential/3.9legacypackages

Default: `https://exponential.packages.exponential.earth/exponential/6.0/6.0.15`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
RemotePackagesIndexURL=https://exponential.packages.exponential.earth/exponential/6.0/6.0.15
*/ ?>
```

RemotePackagesIndexURLBase

> If RemotePackagesIndexURL is empty, the RemotePackagesIndexURLBase setting will be used, appended with the Exponential version numbers, like RemotePackagesIndexURLBase/x.y/x.y.z for a stable release (6.0/6.0.15) and RemotePackagesIndexURLBase/x.y/x.y.zalpha1 for any other (ExponentialSDK::packageServerPath())

Default: `https://exponential.packages.exponential.earth/exponential`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
RemotePackagesIndexURLBase=https://exponential.packages.exponential.earth/exponential
*/ ?>
```

AdditionalRemotePackagesIndexURLs

> More package servers for the setup wizard, the kickstarter and exp:install (all three read the index the same way, eZStepSiteTypes). Each is a folder with an index.xml, an http:// or https:// address. They are read after RemotePackagesIndexURL: a package an earlier index lists is kept as it is, a further server only adds the packages the earlier ones do not have, and a server that cannot be read is skipped.

Default: an empty list.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
# an empty "AdditionalRemotePackagesIndexURLs[]" first replaces the shipped list; without it the
items are added
AdditionalRemotePackagesIndexURLs[]
*/ ?>
```

RemotePackagesIndexSources

> Lists of further package servers kept in other settings files, as <file>.ini;<block>;<setting>, the setting an array of <name>=<URL>. The default reads the servers added on ezupdate's Package servers page (Setup > Updates and packages), which it keeps in settings/override/ezupdate.ini.append.php. Empty the list to read only the servers named above.

Default: a list of 1: `ezupdate.ini;PackageServerSettings;Servers`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
# an empty "RemotePackagesIndexSources[]" first replaces the shipped list; without it the items a
re added
RemotePackagesIndexSources[]
RemotePackagesIndexSources[]=ezupdate.ini;PackageServerSettings;Servers
*/ ?>
```

Vendor

> Vendor name of the Exponential package directory

Default: `7x`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
Vendor=7x
*/ ?>
```

DownloadAttempts

> Downloading a package (and the index): how many times the setup tries before it gives up, and how many seconds it waits before each further attempt (the last value is used for the attempts after it). A package server that is being republished answers with errors for a few minutes.

Default: `3`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
DownloadAttempts=3
*/ ?>
```

DownloadRetryDelays

Default: a list of 3: `2`, `5`, `10`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
# an empty "DownloadRetryDelays[]" first replaces the shipped list; without it the items are adde
d
DownloadRetryDelays[]
DownloadRetryDelays[]=2
DownloadRetryDelays[]=5
DownloadRetryDelays[]=10
*/ ?>
```

DownloadTimeout

> Seconds a whole download may take, and seconds to wait for the connection

Default: `300`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
DownloadTimeout=300
*/ ?>
```

DownloadConnectTimeout

Default: `30`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/package.ini.append.php
[RepositorySettings]
DownloadConnectTimeout=30
*/ ?>
```

Related

- All blocks of package.ini
- All INI files
- The settings page

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