querycache.ini [QueryCacheSettings]

The settings of [QueryCacheSettings] in querycache.ini: Mode, Storage, ApcuReserve, MaxAge, MaxRows, ExcludeTables

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

The block `[QueryCacheSettings]` of `settings/querycache.ini`, with 6 setting(s).

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

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

Mode

> off nothing is kept (the default)
> request a memo for the length of one request: an identical SELECT is not run twice in the same request
> shared the memo, and results kept across requests (see Storage); any other process (scripts, the admin host, Velocity) invalidates through the shared state file in var/<site>/cache/querycache/

Default: `off`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
Mode=off
*/ ?>
```

Storage

> Where shared mode keeps results across requests:
> auto APCu where this PHP process has it, else files (the default); on the command line (cronjobs, scripts) without APCu only the request's memo
> apcu APCu only; without APCu shared works as request
> file files in var/<site>/cache/querycache/entries/, one per result, even with APCu: every web server that mounts var/ (a cluster on NFS or a SAN) shares them. The cronjob part cache_cleanup (cronjobs/querycache_cleanup.php) removes the files older than MaxAge; clearing the cache removes them too.

Default: `auto`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
Storage=auto
*/ ?>
```

ApcuReserve

> APCu is one memory for every site of the PHP-FPM pool. Full with valid entries, it empties itself completely: every other cache and counter in it is lost. With less than this share of APCu free (percent), shared mode stops adding results to APCu and keeps them for the request only, until entries expire (below the reserve the cache deletes its expired entries from APCu, once a minute for the pool). 0 never stops. Only with the APCu storage.

Default: `25`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
ApcuReserve=25
*/ ?>
```

MaxAge

> Longest life of a result even when no write touched its tables, in seconds: the bound for a write made outside Exponential (another program, a hand-run statement), which the cache cannot see.

Default: `300`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
MaxAge=300
*/ ?>
```

MaxRows

> Results with more rows are not kept.

Default: `5000`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
MaxRows=5000
*/ ?>
```

ExcludeTables

> Tables whose SELECTs are never cached.

Default: a list of 3: `ezsession`, `ezpending_actions`, `ezcollab_notification_rule`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/querycache.ini.append.php
[QueryCacheSettings]
# an empty "ExcludeTables[]" first replaces the shipped list; without it the items are added
ExcludeTables[]
ExcludeTables[]=ezsession
ExcludeTables[]=ezpending_actions
ExcludeTables[]=ezcollab_notification_rule
*/ ?>
```

Related

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

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