viewcache.ini [ViewCacheSettings]

The settings of [ViewCacheSettings] in viewcache.ini: ClearRelationTypes, SmartCacheClear, KeywordNodesCacheClearLimit

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

The block `[ViewCacheSettings]` of `settings/viewcache.ini`, with 3 setting(s).

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

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

ClearRelationTypes

> Determines which types of related objects will be choosen to clear view cache
> when publishing current object.
> Possible values are:
> common - common relations made on object level
> embedded - embedded objects
> linked - linked objects
> attribute - relations made with attributes of 'object relation' or
> 'object relations' datatypes
> reverse_common - reverse common relations (objects that relate the one currently
> being published) on object level
> reverse_embedded - objects that have current object as embedded
> reverse_linked - objects that have linked current object
> reverse_attribute - objects that have current object as related in their attributes.

Default: a list of 3: `common`, `reverse_common`, `reverse_embedded`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/viewcache.ini.append.php
[ViewCacheSettings]
# an empty "ClearRelationTypes[]" first replaces the shipped list; without it the items are added
ClearRelationTypes[]
ClearRelationTypes[]=common
ClearRelationTypes[]=reverse_common
ClearRelationTypes[]=reverse_embedded
*/ ?>
```

SmartCacheClear

> Controls the smart viewcache handler, use enabled, disabled or exclusive.
> When the handler is disabled the system will clear the viewcache
> for all published nodes of the current object, its parent(s), reverse
> related objects and objects with same keywords (if any).
> When enabled it will in addition try to follow the rules set in viewcache.ini
> for more advanced relations between objects. e.g. to clear a forum
> listing when a new topic or reply is posted.
> When exclusive, settings for specific classes are used exclusively
> (if defined), instead of in addition to the default settings.

Default: `disabled`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/viewcache.ini.append.php
[ViewCacheSettings]
SmartCacheClear=disabled
*/ ?>
```

KeywordNodesCacheClearLimit

> The maximum number of linked keyword nodes to go trough
> when looking for objects that needs to have its cache cleared.
> Set to integer to activate, 0 to disable keyword clearing globally
> or disabled to not have any limit at all (default value)

Default: `disabled`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/viewcache.ini.append.php
[ViewCacheSettings]
KeywordNodesCacheClearLimit=disabled
*/ ?>
```

Related

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

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