

REST API - Clear Caches

Overview

Atlassian JIRA implements different Caches to enhance its performances.

In some cases, you may have to perform some change in Database from your preferred Database Client tools or from the plugin [Home Directory and DB Browser for Jira](#). Before performing such modifications, you have :

- to have to be aware of what you do. Do it carefully !
- to have a good knowledge of what could be the impacts

Among these impacts, you have the invalidation of a Cache of JIRA. It is why Atlassian advises to perform them with JIRA stopped.

But in practice, some of them can be with JIRA started on condition that the impacted Cache is cleared.

Below APIs allow you to clear some of most common caches.

APIs for clearing Caches

Opt for one below Clear Cache method. In doubt, use **All Cache**.

SearchRequest Caches

Goal : Clear the Cache related Filters identified by Name and by Id.

Usages :

- You have updated some SearchRequest/Filters (**reqcontent** column in **searchrequest** table) due to
 - some CustomField renaming
 - Changes in JQL Function parameters
 - ...

API	/rest/extendedAdmin/1.0/cache/clearSearchRequestCache
Method	GET
Return Code	200 (Always)
Return	Result Message

Portal Page Caches

Goal : Clear the Cache related Portal Page identified by Name and by Id.

Usages :

- You have updated some Page Dashboard/Portal Page.

API	/rest/extendedAdmin/1.0/cache/clearPortalPageCache
Method	GET
Return Code	200 (Always)
Return	Result Message

User Caches

Goal : Clear the Cache related Users identified by Name and by Id.

Usages :

- You have updated some User Attributes (concerned tables are ***cwd_**** tables, ***app_user***,), due to some inconsistencies experienced after Remote User Directories synchronisation (LDAP, SAML, ...), like
 - misformed mails (trailing blank, ...),
 - swapped values (First and Second Name),
 - ...

API	/rest/extendedAdmin/1.0/cache/clearUserCache
Method	GET
Return Code	200 (Always)
Return	Result Message

All Caches

Goal: Clear all Caches that can be cleared by the system event : ClearCacheEvent.
 Similar feature is provided by [Scriptrunner for JIRA](#).

Usages :

- Above use cases,
- and many others :
 - Avatar
 - Gadget Configurations
 - Porject Components
 - Application Properties
 - Customfields
 - most of Scheme
 - ...

API	/rest/extendedAdmin/1.0/cache/clearAllCache
Method	GET
Return Code	200 (Always)
Return	Result Message