

Adabas Manager Session and Cache Administration

With Adabas Manager, several users can work independently and in parallel with all registered databases on a managed host. Adabas Manager stores frequently used data such as for example database GCB (general control block) information in the main memory of the Windows machine which displays the host (CS layer server).

The caching for each registered user (local objects) and for user-independent (global) objects is kept separate. A local object for example would be information on files that are "under construction", i.e., information from an incomplete file creation process, whereas GCB information of the Adabas databases is viewed as global objects.

After logout or after the session has been ended by closing the browser window, cached objects are no longer available.

To avoid a cache overflow, unused objects are deleted from the cache after a set time limit. A local object is regarded as *unused* if its user has been inactive for longer than 3600 seconds; a global object is considered *unused* if its period of inactivity is longer than 7200 seconds.

The cache status can be reviewed and cleared manually.

To display the cache status of an Adabas Manager session:

1. Select the Adabas Manager item in the tree-view and right-click on it.
2. Select **Display Cache** on the dropdown menu.

The cache information is displayed in the detail-view.

To clear the cache of an Adabas Manager session:

1. Select the Adabas Manager item in the tree-view and right-click on it.
2. Select **Clear Cache** on the dropdown menu.

The cache for all users using the same C/S layer server is cleared and all SAF-relevant data is lost. This means that after a cache clear, all users sharing a CS/layer server must logon again.

Internal settings of the cache and timeout limits can be set in the *HKLM/SOFTWARE/Software AG/System Management Hub/Products/Adabas Manager/Versions/7.5.1/* registry; the following properties may be modified:

Sess_Mem_Block	cache size in bytes	minimum: 1000000
Sess_Mem_Max_Global_Idle	maximum lifetime of global objects in seconds	minimum: 3600
Sess_Mem_Max_Local_Idle	maximum lifetime of local objects in seconds	minimum: 3600

After modification of a setting in the registry, the cache must be cleared with **Clear Cache**; a new cache is set up automatically.

**Warning:**

Please note that serious problems might occur if you modify the registry incorrectly; make sure to exercise great care when working in the registry and only modify the settings listed in this table.