

3.3.2.6.3 Item's Modifications

Item's modifications procedures are in-depth discussed in the SDD. Some generic situations are described here:

- Clone
 - When an item is cloned, the action handler returns an identical Item with new ID, while all other fields, except Creation Date, Modification Date and Status are the same as in the original item. The Status of the new Item is set to 'New'.
 - The original Item is not modified.
- Modify, Link and Child Items
 - Actions of type Modify cause some change to the Item's data section.
 - If Expiration is set for the Item and 'Renew on Modify' is True, then the Expiration period is re-calculated
 - If no custom handler is set for the Action, then the Data manipulation is handled by the generic Item Editor, otherwise the action specific handler is invoked.
 - Old Data is always saved for Rollback purposes.
 - If the Action's 'Refresh View' or 'Refresh Item' properties are True, then the Item or the View are refreshed.
 - If the modification changed the Linked Items part of the Data section, then the respective Linked Items must be modified to set the back link to modified Item.
 - Child Items are created, saved and recorded under the Item's Child Item section. Child Items parent ID is set to the ID of the modified Item.
- Delete
 - When an Item is deleted, its status is set to 'Deleted', but it is not physically removed from the XML Database.
 - Expiration is no longer valid for Deleted Items.
 - All Linked Items must be updated, so the back link to the Item, being deleted is removed
 - All Child Items must be deleted, before the deletion of the parent Item.
- Archive
 - Archived Items are removed from the online Database and moved to another storage or collection
- Custom Actions
 - A Custom Action is a process, whose result is different from the one, described above. The result of such action may be, for example, the creation of several new Items and deletion of the original Item – for instance: The transition from a Lead to Account and Contact(s).
 - If the Custom Action results in the deletion of the original Item, it is the handler's responsibility to call the Delete Action, so the Before and After Events are properly executed.

