

Grouper Loader - Changes for deprovisioning

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Attributes


When grouper loader runs to add/delete members from groups, it will populate the following attributes.

- grouperLoaderMetadata - marker attribute assigned to groups only. This is single assigned, no value. The following attributes are assigned to the assignment of this attribute to a group. The are single valued string attributes.
 - grouperLoaderMetadataLoaded (required)- set to true means this group is loaded from the loader
 - grouperLoaderMetadataGroupId (required) - group id of the loader job which is controlling the memberships of this group.
 - grouperLoaderMetadataLastFullMillisSince1970 (required) - millis since 1970 that this group was fully processed (run in thread and dont do PIT and change log)
 - grouperLoaderMetadataLastIncrementalMillisSince1970 (optional) - millis since 1970 that this group was incrementally processed (run in thread and dont do PIT and change log)
 - grouperLoaderMetadataLastSummary (optional) - total: 105, inserted: 6, deleted: 7, updated: 2 (run in thread and dont do PIT and change log)
- If a group is processed by loader, it will set these attributes
- If a group is assigned to be processed by a loader job, but was not included, the grouperLoaderMetadataLoaded will be set to "false" without touching the other attributes

Show on UI

Show all the groups in the loader tab that logged in user has View privilege on and have grouperLoaderMetadata attributes. Group names will be links. Also show summary info and last loaded time (full/incremental)

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 **testSqlGroupList2**

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This group has loader configuration

Source type	SQL pull the members from a SQL database. Can be SQL or LDAP
Loader type	SQL_GROUP_LIST the SQL query loads the members of multiple groups. Can be SQL_S
Database name	grouper jdbc:mysql://localhost:3306/grouper_v2_3?Charset=utf8&useUnicode server ID that is configured in the grouper-loader.properties that identifies the connection information to the database server. Note: "grouper" means use the Grouper registry database connection

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testSqlGroupList2



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Loader managed groups

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Group name	Last loaded time	Summary
 testGroup1	Wed Feb 14 11:18:50 UTC 2018	total: 167 inserted: 167 deleted: 0 updated: 0
 testGroup2	Wed Feb 14 11:18:51 UTC 2018	total: 167 inserted: 167 deleted: 0 updated: 0

A group itself should list that it is a loader job for a particular group that configures it. On the loader main readonly tab, it should say if it is or was loaded from a loader job, and which group controlled it. When the last full and incremental processing occurred. And the summary info.

Home > Root > test > loader > groups > testGroup1



testGroup1

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testGroup1 auto-created by grouperLoader


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Loader settings

Loader actions ▾

This group does not have loader configuration

This group is managed by loader group  testSqlGroupList2. It was last fully loaded on Wed Feb 14 11:18:50 UTC 2018. Summary is: total: 167 inserted: 167 deleted: 0 updated: 0

Do not load (TODO)

Spec to be provided later

If a membership is in the deprovisioning lockout, and this group and loader job group is marked to deprovision users, then dont load it.

Delete groups not loaded

Have a grouper-loader.base.properties setting that defaults to true (in future, currently false)

```
#potentially delete groups that are no longer in the source system
loader.deleteGroupsNoLongerInSource = false
```

If there is a "like" string setting then dont do this

Look in the "like" string logic, and do that for groups managed by a list of groups job (SQL_GROUP_LIST, LDAP_GROUP_LIST, LDAP_GROUPS_FROM_ATTRIBUTES)

In Grouper 2.4 will use this metadata to remove groups which are removed from the source system. Currently this is done with SQL like string.

Document how to find groups with no members (SQL). When group members go to zero, log as "warn" that it happened.