

Fluxmite Rules Guide

Create Local

Event: Something happened

Condition: Data comparison: change-type = create

Action:

1. Create new local
2. Set data value
3. Set data value: mite-id
4. Optional:
 1. Mite: fetch referenz by mite id
 2. Conditional: is of type (local)
 3. Set data value
5. Save local
6. Mite: create local entity

Delete Local

Event: Something happened

Condition: Data comparison: change-type = delete

Action:

1. Fetch local by id
2. Delete entity

Update Local

Event: Something happened

Condition: Data comparison: change-type = update

Action:

1. Fetch local by id
2. Conditional: is of bundle
3. Set data value
4. Set data value: mite-id (used by create and update remote)
5. Optional:
 1. Mite: fetch referenz by mite id
 2. Conditional: is of type (local)
 3. Set data value
6. Mite: update local

Create Remote

Event: After saving local

Condition:

1. Is of bundle
2. Optional: Referenz is of bundle
3. Data value is empty: mite-id (to avoid duplicate entries, because create local triggers this rules too)

Action:

1. Create new remote
2. Set data value
3. Mite: create remote entity (returns the complete Mite entity)

Dependencies: Rule Update Local will be triggered

Delete Remote

Event: After deleting local

Condition: -

Action: Mite: delete remote entity

Update Remote

Event: After updating local

Condition:

1. Entity is of bundle
2. Optional: Referenz is of bundle

Action:

1. Mite: fetch remote entity by local entity
2. Conditional if: is of type
3. Set data value
4. Mite: update remote entity (returns the complete Mite entity)
5. Conditional else: Mite: enqueue remote action

Dependencies: Rule Update Local will be triggered

Entity Dependencies:

Mite Project -> Local Project: Customers are needed and must be handled before projects

Mite Time entry -> Local Time entry: Customers, Projects, Services, Users are needed and must be handled before time entries

If the needed entities are not handled the handler (project, time entry) won't run until.

If the order isn't correct the handler will correct it and run next time.