



# Mapper Quick Reference Card: Dynamic Mapping Template

## Dynamic Mapping Templates

Frequently, similar source data can be stored in different tables when imported into elluminate. Dynamic Mapping Templates allow for a set of mapping rules that are applied using a wildcard if the source table names match. Dynamic Mapping Templates are designed globally, and associated to study data either by scope, or by manually adding a dynamic template to a mapping inside your study.

Users must have the Mapper Advanced Privilege to create Dynamic Mapping Templates.

## Create a Dynamic Mapping Template

1. From the Platform Menu under Data Mapping and Computing select **Dynamic Mapping Templates**.
2. Dynamic Mapping Templates home screen will populate. Click the **Add** icon. The New Dynamic Mapping Template window opens.
3. In the **Template Name** field, enter a name for the mapping template.
4. In the **Template Description** field, enter a description for the template.
5. In the **Transformation** field, click the drop-down arrow and select from the available transformations. The available fields will vary based upon the selected transformation.
6. In the **Source Table(s)** field, enter the names of the source tables that will be used. This field is case insensitive. You can enter a specific name, such as CM, or use a wildcard. Available wildcards are:

- \* Match any characters
- ? Match a single character

**Note:** For a Union transformation, if a wildcard is used and only one table matches, the dynamic template will still map the data into the target domain.

7. In the **Target Mapping** field, enter the name of the mapping this dynamic template will be a part of. If the mapping exists, the results for the dynamic template will be sent to the same data store as the existing mapping.
8. In the **Target Datastore** field, click the drop-down and select the target data store for the results of the dynamic mapping.
9. Click the **Auto Create** checkbox if you want the target mapping and data store to be created if they do not exist. If it is not checked, the template will not be used unless the target mapping and domain are created manually.
10. In the **Target Domain** field, enter the name for the target domain that will be created. For example, CM\_Combined.
11. In the **Target Domain Label** enter the label for the newly created domain.
12. Click the **Active** checkbox if you want the template to be active. Active templates are triggered when the source domains are updated.
13. In the **Domain Tags** field, click the drop-down arrow and select from the list of available tags.
14. In the **Exclude Variables** field, enter a comma separated list of the field names for any variables that should be excluded.
15. In the **Always Add Variables** field, enter the names of any variable that should be included.
  - For a Union transformation, select either **Include all Variables** or **Include Matching Variables**
  - For a Union transformation, click the **Append Source Identifier** checkbox to append a FORMOID column
16. In the **Scope** area, you can select which Studies, Therapeutic Area, Program, or Compounds this template will apply to; this is a required selection.
17. In the **Data Store** field, you can specify which data stores the dynamic template will be applied to.

Any Active Dynamic Mapping Template will execute for imported data in studies that match the selected scope.