

Table Mapping Rules

The Table Mapping Rules step allows you to define how data compare should perform the name-matching of the database tables. By default, tables with the same name, on both database, are paired with one another and compared. You can use mapping rules if your databases have tables that do not have the exact name, but are different in a consistent way. If there are tables in the development environment, whose name starts with DEV_, but in production the same tables start with PROD_, then you can use the following mapping rule to map them. Without the mapping rule, these tables will be excluded.

The screenshot shows the 'Idera Data Compare Command Line Wizard' window. The title bar includes a close button. The main window has a sidebar on the left with the following options: Get Started, Source Database, Target Database, Pairing Type, Comparison Options, Scripting Options, **Table Mapping Rules** (highlighted with a right-pointing arrow), Excluded Tables, Tables Settings, View Mapping Rules, Excluded Views, Views Settings, Log Files & Options, and Save the Config File. The main area is titled '(Optional) Define the mapping rules between database tables.' and contains a 'Table Mapping Rules' section with a 'Restore Defaults' link. This section has three tabs: 'Schema Mapping Rules', 'Name Mapping Rules' (selected), and 'Data Type Mapping Rules'. Under 'Name Mapping Rules', there are two radio button options: 'Match the exact name' (unselected) and 'Ignore the name prefix, such as the tmp in the tmp_Employee' (selected). Below the selected option, there are two text input fields: 'Source table prefix' with the value 'DEV_' and 'Target table prefix' with the value 'PROD_'. There is also an unselected radio button option 'Ignore the name postfix, such as the tmp in the Employee_tmp' with corresponding empty text input fields for 'Source table postfix' and 'Target table postfix'. At the bottom of the window are three buttons: 'Previous', 'Next' (highlighted with a blue border), and 'Exit'.

The following fragment is an example of the xml generated for this mapping rule:

```
<TablesMappingRules>
  <NameMapping MappingRule="IgnorePrefix" IgnoreLeftName="DEV_"
IgnoreRightName="PROD_">
</TablesMappingRules>
```