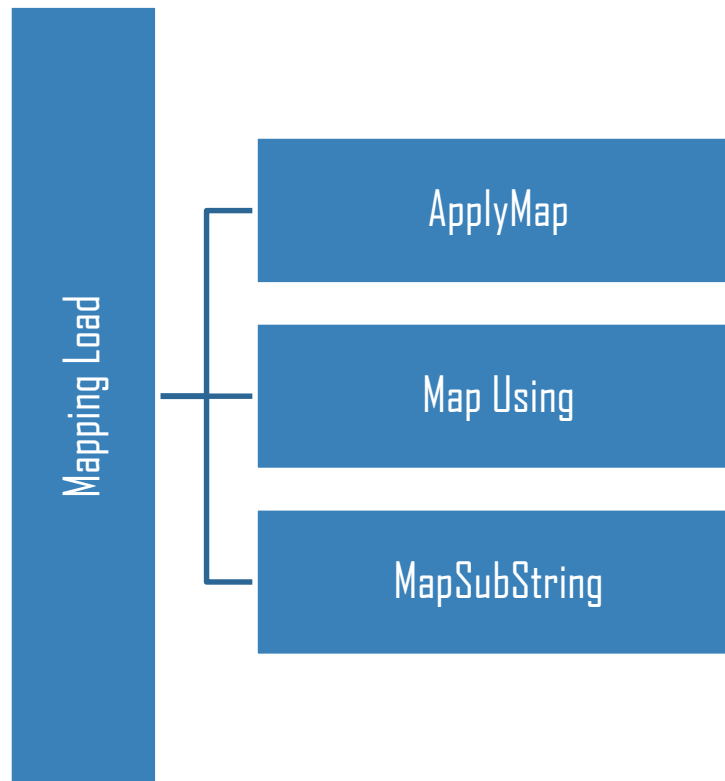


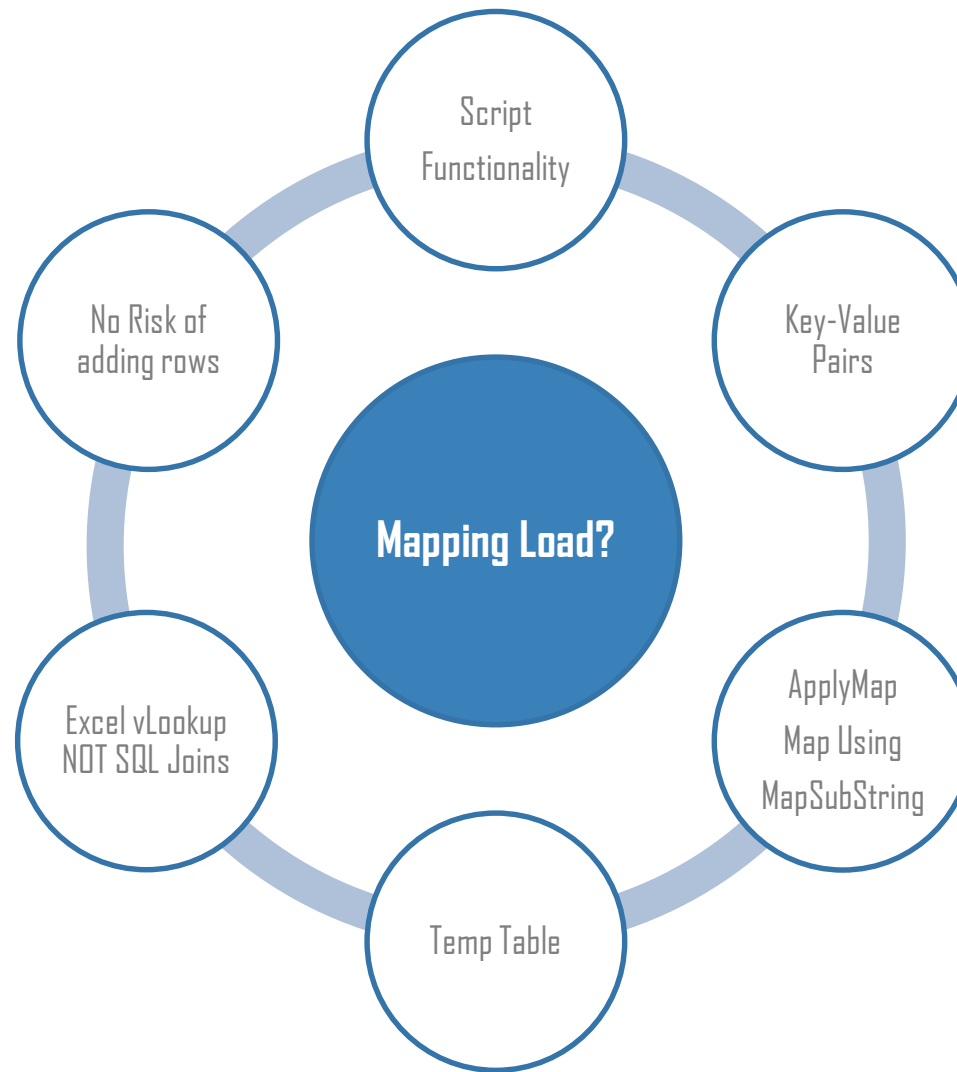
4. Mapping Load, ApplyMap, MapSubString and Map Using



4.0: Chapter Goals



4.1: Understanding Mapping Load



4.1: Understanding Mapping Load

Rules of Mapping Load:

- Key Value Pairs: Two columns only
- Importance of the first column: Unique and Key Value
- The mapping table doesn't exist after script execution
- The mapping table field names are not relevant
- The mapping table naming convention
- Don't forget "Mapping" prefix
- Load order and script execution
- Load once use many times

For example,
Mapping Load
KeyField,
A &'|'& B as Name
from ...



4.2: Understanding ApplyMap

ApplyMap:

- Script function
- Three parameters: *The mapping table name, matching field/expression, <default value>*
- No match and missing third parameter
- Expressions are allowed
- Nesting applymaps are allowed
- Table name has to be enclosed in 'Single Quotes'
- Dollar Sign Expansion is Allowed



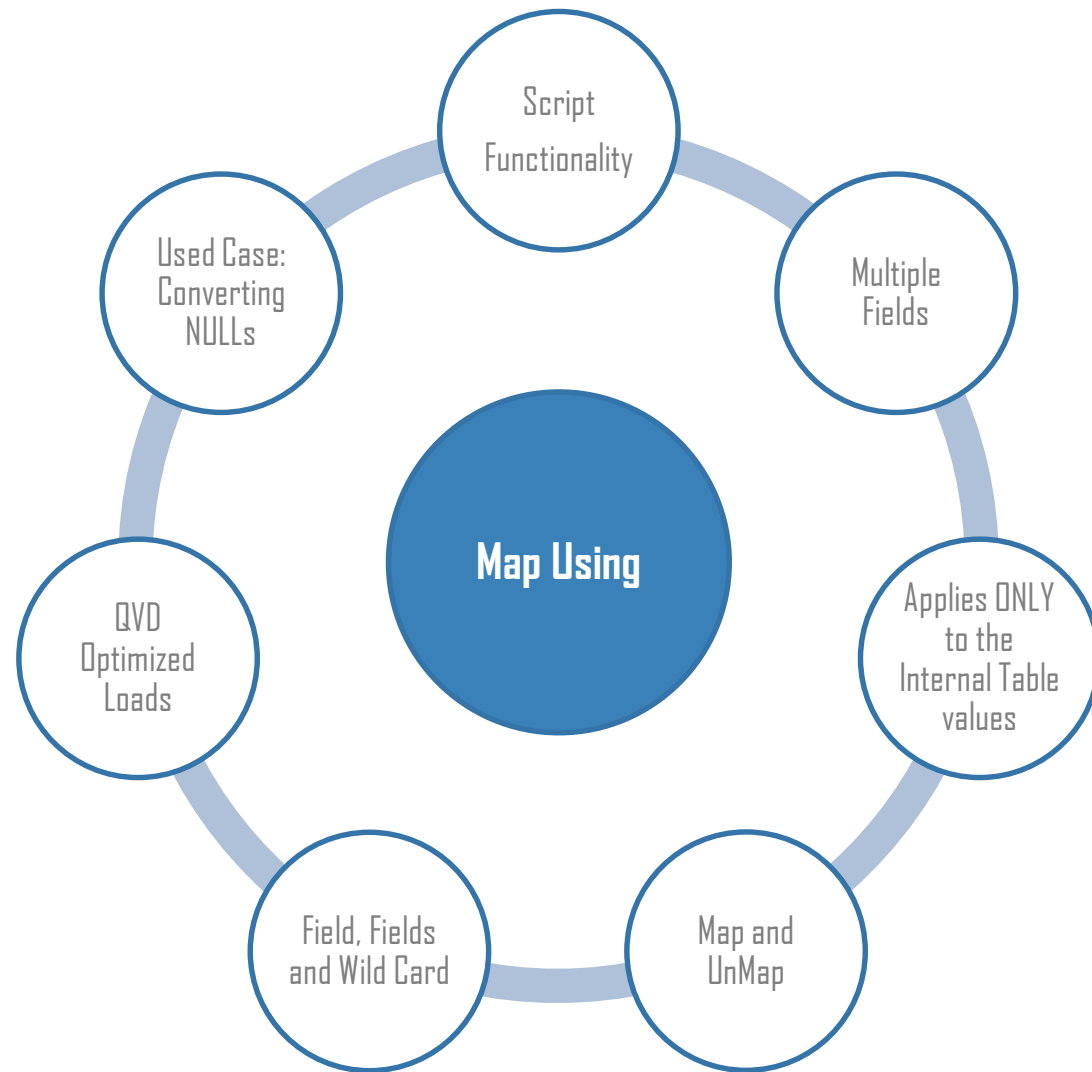
4.3: Understanding MapSubString()

MapSubString:

- Case Sensitive
- Non-Iterative



4.4: Understanding Map Using



4.5: Challenge(s)

Challenge:

4.5a: You have been provided with two QVD files (*Employee.QVD* and *EmployeeAddress.QVD*). You need to extract following fields from the *EmployeeAddress* QVD file:

- Employee City
- Employee Country
- Employee Postcode

Output
Three new fields

Employees
%Key_EmployeeID
EmployeeCity
EmployeeCountry
EmployeePostalCode
Birth Date
Emergency Contact First Name
Emergency Contact Last Name
Emergency Contact Phone
Emergency Contact Relationship
Employee ID
Extension
First Name
Hire Date
HireYear
Last Date
Home Phone
Last Name
Employee Name
Notes
Photo
Position
Reports To
Salary
SSN
Supervisor ID
FireYear

Rules:

- *You are allowed to use only one Mapping Load to extract three fields*
- *Please make sure that Employee Postcode field is in string or text format*

4.5: Challenge(s)

Challenge:

4.5b: You have a single QVD file (Teams.QVD). You need to rename three fields using the below exhibit.

Field Names to be renamed:

- Employee Name1 to *Team Emp Name 1*
- Employee Name2 to *Team Emp Name 2*
- Employee Name3 to *Team Emp Name 3*



Rules:

- Please make use of Mapping Load to rename the fields. Don't alias the field names!