Database Alias

Contents

1   Database Alias

The Database Alias is the Logical (or Functional) name of a database that is identical over all DTAP environments. This is especially useful when an application has multiple databases in multiple environments. Purpose:
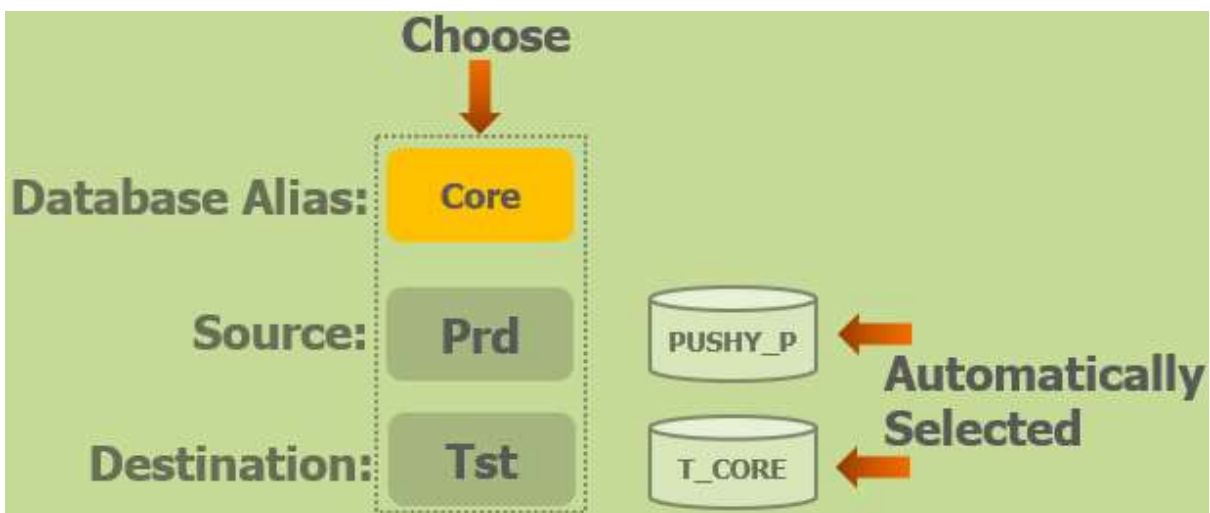
- Align databases over DTAP environment
- Simplify Job Request
- Create Databases
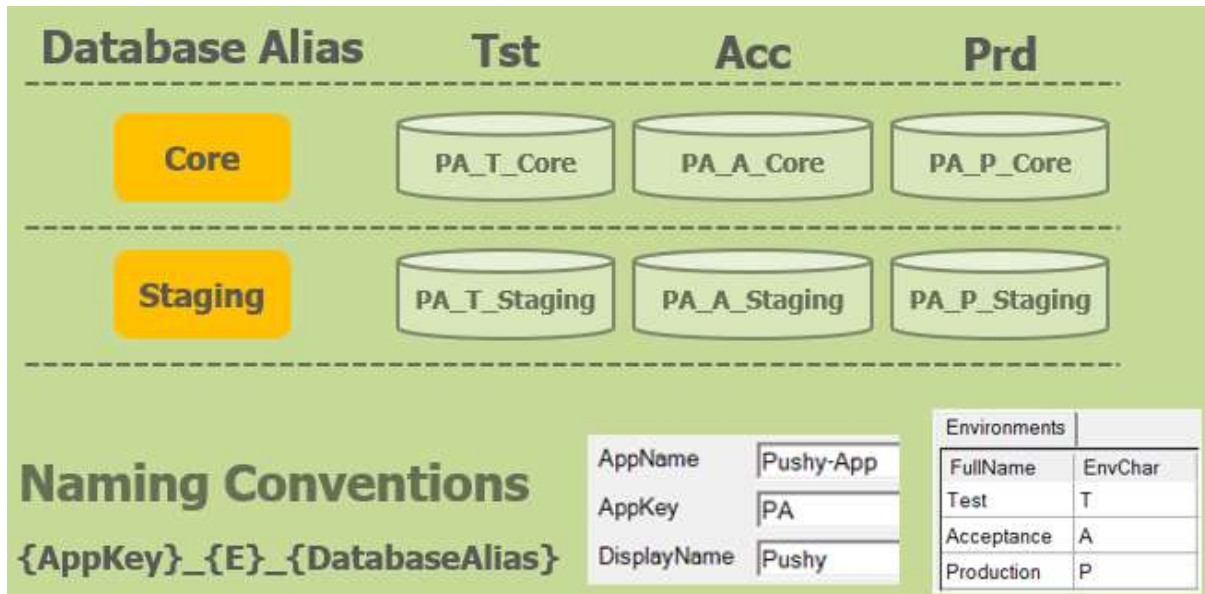- Simplify PostClone scripts

1.1   Align Databases
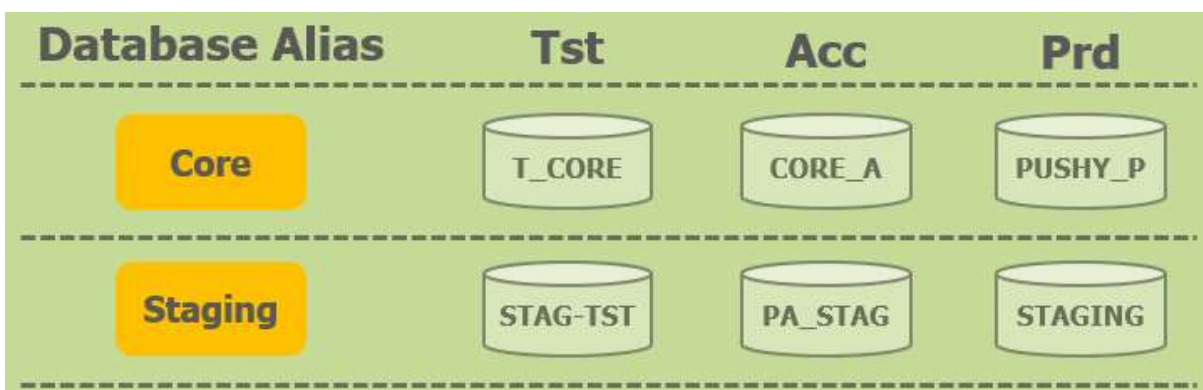
Database Aliases are used to align or group the technical database names over the DTAP environment. Initially, you will need to add Database Aliases to QGrip and link existing databases to an Alias.

1.2   Request Job

If you use the Database Alias when requesting a Clone job as above, QGrip will only show the databases with the same Database Alias in the selected source and destination environments. This reduces the risk of selecting the wrong database.

1.3 Create Databases

When databases are created using QGrip 'App Objects', a Database Alias is needed. The database naming convention is defined in the 'Template Database' and will be used to generate the technical database names.

1.4 PostClone Scripts
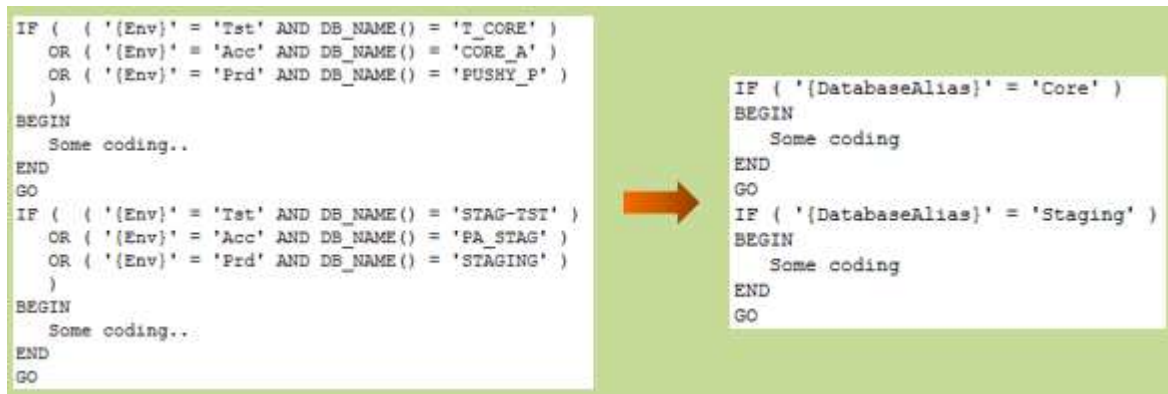
The Database Alias is available as substitution variable in the PostClone script and will reduce and simplify the coding.

1.5 Example: Zeus

- The Zeus application is a Datawarehouse application with 3 databases for:
  - Staging, DataQuality and Core.
- Zeus uses the following environments:
  - Test, Acceptance and Production.
- A lot of people have worked on Zeus and there was no clear naming convention or it was ignored when the databases were initially created.
- The table below shows the different databases in the different environments.

Test	Acceptance	Production
DataQZeus	AccZeusCore	CoreZeusCoreP
ZeusTstCore	AccZeusDQual	ProdZeusDQ
TstZeusStg	StagingZeusAcc	ZPrdStaging

By introducing and using a Database Alias, it doesn't matter what the technical database name is as long as the Database Alias has a clear name.

Database Alias	Test	Acceptance	Production
Core	ZeusTstCore	AccZeusCore	CoreZeusCoreP
DataQuality	DataQZeus	AccZeusDQual	ProdZeusDQ
Staging	TstZeusStg	StagingZeusAcc	ZPrdStaging

When selecting a Database in QGrip the option to select a Database Alias rather than the technical name will be available in most windows.