



*Special Topics
in
Calculations:
Using @XREF*



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What is @XREF?

- Essbase calc function that provides cross-cube calculation
- Outline or scripts
- Resolves references to different dimension structures and different members
- Dynamic calcs or batch calcs
- Not supported in Aggregate Storage

Examples of @XREF use

- Lookup rates in another cube
- Work with databases with different dimensions
- Avoid loading high

@XREF syntax

- @XREF (*locationAlias* [, *mbrList*])
 - *locationAlias* is the server, application, database and login of the source data
 - *mbrList* is the source intersections

How XREF Resolves References:

- The member specified in the member list
- The current target database point of view
- The generation one member name, that is, the dimension name

How XREF Resolves References

Source DB

- Target dimension & member exist
- Target dimension exists but member name does not
- Some members of the target intersection (point of view) exist but some do not
- Target dimension does not exist

Result Passed to Target DB

- Member Value
- Generation 1 (Dimension Name Member) value
- The value of the existing matched members intersection (point of view) is passed to all members of the target database
- Value of member/s specified in *mbrList*

Esscmd for @XREF

- CREATELOCATION *alias host application database user_name password*
- DELETELOCATION *alias*
- LISTLOCATIONS

MaxL for @XREF

- create location alias aliasname from sourceapp.sourcedb to targetapp.targetdb at server as user identified by password
- E.g.
 - Create location alias *xRates* from *Sample.Rates* to *Sample.Basic* at *Gomez* as *Admin* identified by *password*;

MaxL for @Xref

- drop location alias app.db.alias;
- E.g.
 - drop location alias *Sample.Basic.xRates*;

Other issues

- Create blocks ramifications
- Performance ramifications