Table Prefix

When you open the Genesys's database you can see many tables prefixes. What is each one?

**A\_**  : System/Application (i.e.: A\_Users)

**RF\_** : Reference (i.e.: RF\_Country)

**C\_**  : Common (i.e.: C\_BusinessPartner)

**CR\_** : Customer Relation (i.e.: CR\_)

**B\_** : Billing Management (i.e.: B\_)

**L\_** : Logistic Management (i.e.: L\_)

**S\_**  : Sales/Marketing (i.e.: S\_Order)

**R\_**  : Requests (i.e.: R\_Request)

**P\_**   : Purchasing (i.e.: P\_Order)

**M\_**  : Material Management (i.e.: M\_Cost)

**FA\_**  : Finance & Accounting (i.e.: FA\_Journal)

**AM\_** : Asset Management (i.e.: AM\_)

**HR\_**  : Human Resource (i.e.: HR\_Payroll)

**T\_**  : Ticketing Management (i.e.: T\_)

**PP\_**  : Production Planning (i.e.: PP\_Order)

**K\_**  : Knowledge Management (i.e.: K\_Category)

**PA\_**  : Performance Analysis (i.e.: PA\_Report)

**CM\_**  : Collaboration Management (i.e.: PA\_Report)

**I\_**  : Import Tables (i.e.: I\_BPartner)

**Z\_**  : Temporary Tables (i.e.: Z\_Report)

Special Column Suffix & Prefix

* **id**
  + Data Type: Integer
  + Primary key column.
* **is\_**
  + Data Type: Char(1) Value: Y/N
  + Use for yes/no flag, for e.g - IsApproved, IsActive, IsVendor, etc.

Some Tips about Custom Tables

* Naming:
  + Use Prefix - EXT\_, CUST\_ or System Custom Prefix
    - It's recommended to use custom prefixes with three or more letters. The model classes must be looked with prefix. I.e. if you have a table called XX\_Invoice the model class must be looked as MInvoice and can conflict with the product model class, but if you have a table called CUS\_Invoice, then the model class looked will be MCUSInvoice.
  + Try to be descriptive.
  + Use case conventions consistently.
* Required Columns:
  + AD\_Client\_ID, AD\_Org\_ID, IsActive, Created, CreatedBy, Updated, UpdatedBy
* Suggested Columns:
  + Value (the Key), Name, Description, Help
* **Very Important:** The Column Names are case sensitive.

About References (Data Types)

* TableDir
  + Column Name without *\_ID* is the Table Name
    - If Column: C\_BPartner\_ID ....Then Table is: C\_BPartner
    - Don't forget: **Case sensitive**
* Search
  + Same as TableDir: displayed in Search and Info Window rather then ComboBox
* Table
  + Define Display Column and Key Column
  + Column CreatedBy = Table: C\_BPartner - Display: Name - Key: C\_BPartner\_ID
* Dynamic Validation Rules
  + The content is revaluated when change the Variable.
    - AD\_Column.AD\_Table\_ID= @AD\_Table\_ID@

Some Special Columns

* **Processed**
  + Data Type: CHAR(1) - Values: Y/N
    - Used for all Transaction Tables.
    - If **Y** then your record is Read-Only.
    - Fields marked as *Always Updateable* aren't read only
    - When the table has this column the History button is enabled on the toolbar
* **Posted**
  + Data Type: CHAR(1) - Values: Y/N
    - If **Y** then is displayed as Posting Button.
* **Processing**
  + Data Type: CHAR(1) - Values: Y/N
    - Lock for Batch processing.
    - Second use for starting any Process.
* **Record\_ID**
  + Data Type: NUMBER(10)
    - With AD\_Table\_ID, system reference (Zoom)

Standard Columns

* **Client\_ID**
  + Data Type: Number(10) NOT NULL
* **Org\_ID**
  + Data Type: Number(10) NOT NULL
* **Is\_Active**
  + Data Type: Char(1) - Values: Y/N
* **Is\_Deleted**
  + Data Type: Char(1) - Values: Y/N
* **Created\_At**
  + Data Type: Date NOT NULL
* **Created\_By**
  + Data Type: Number(10) NOT NULL
* **Updated\_At**
  + Data Type: Date NOT NULL
* **Updated\_By**
  + Data Type: Number(10) NOT NULL
* **Deleted\_At**
  + Data Type: Date NOT NULL
* **Deleted\_By**
  + Data Type: Number(10) NOT NULL

Common column use in master

* **Value**
  + Data Type: NVarchar2(40)
    - Search Key or Code
* **Name**
  + Data Type: NVarchar2(60)
    - Display name
* **Description**
  + Data Type: NVarchar2(255)
    - Long description
* **Help**
  + Data Type: NVarchar2(2000)
    - Help or comments