

CRYSTAL REPORTS

Version Dream 3.5

Crystal Reports XI

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Session 1

- Data sources
- Database Tables
- Database Schema
- Security
- Details, Balances, Accounts
- Report Design
- Report Build

ODBC DATA SOURCE

What is ODBC?

- Allows you to access database tables for any program that can use ODBC
 - Access
 - MSQuery
 - Reporting Tools
 - Crystal Reports
 - Business Objects
 - Cognos

ODBC DATA SOURCE

What is ODBC?

- A way of connecting to a database from an external application
- Connect via ODBC Data Source Name (DSN)
- DSN stores connection information :
user, password, database, server
- Create DSN through Windows Control Panel

Odbc data source



QUERY DATABASE



RESULTS FROM QUERY

Microsoft SQL
Server

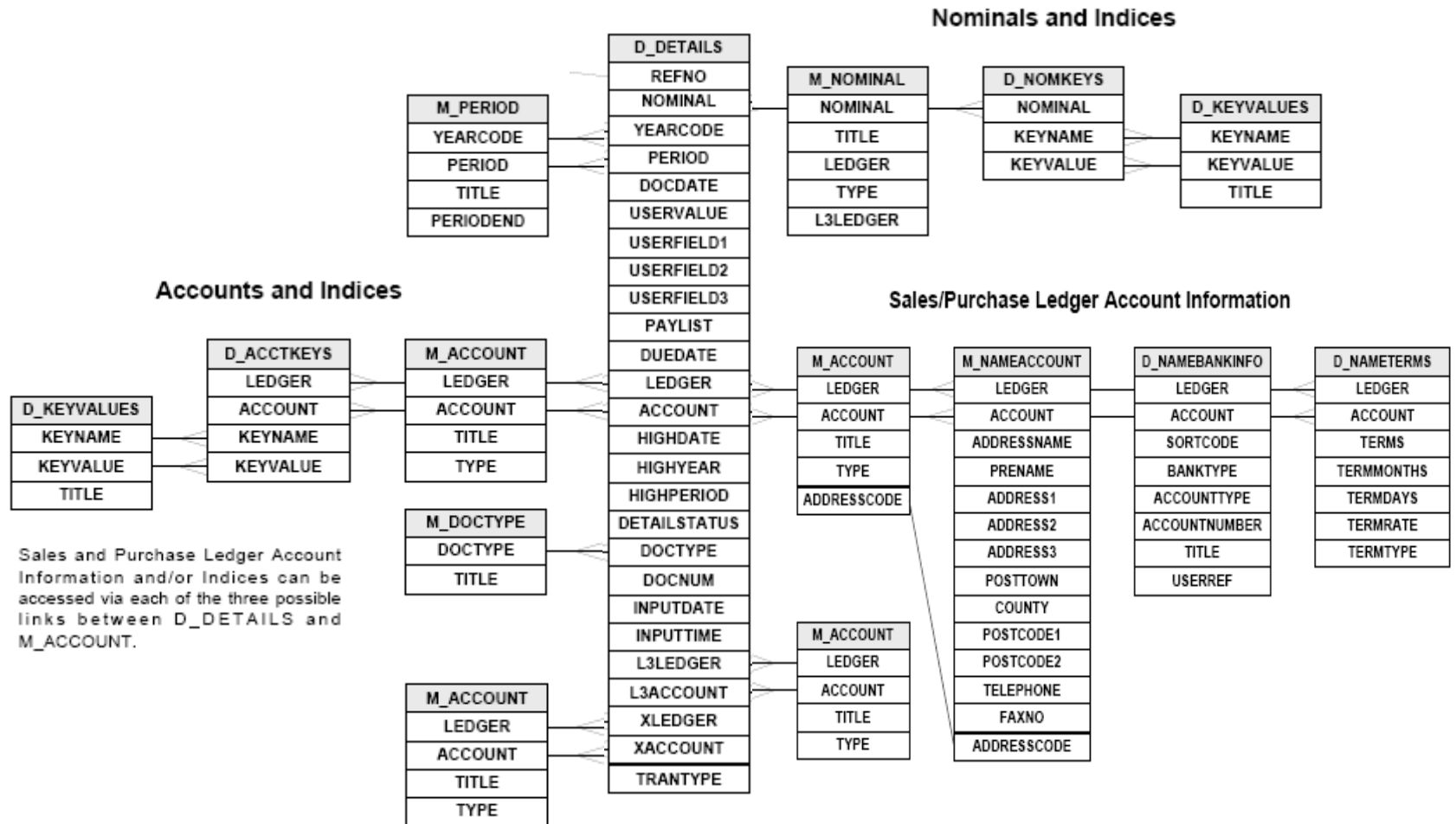


DATABASE TABLES

Table Structure

- Details
- Balances (Actual & Budget)
- Indexes
- Account Information
- Entity

Database schema



Most used fields

Database Tables : Security

- Owner of the database : SQSDBA
- Access to tables via SQSDBA user only
- Create a SQL Server 'Reports' user
- Run the standard Security Scripts not all tables are available with the security views
e.g. Entities
 - Will employ Dream Access level security.

DETAILS



D_DETAILS : holds details for every transaction



D_ORDERS : holds details for every order

BALANCES



M_NBAL: holds the current balance of every
M_ABAL: (N)ominal or (A)ccount per
transaction type per company



M_NPBAL: holds the current balance of every
M_APBAL: (N)ominal or (A)ccount by period BY
transaction type per company

INDEXES



V_NOMKEYS : index keys for (N)ominals

V_ACCTKEYS : index keys for (A)ccounts



V_KEYVALUES : titles for index keys

Table structures

ACCOUNT INFO



M_NAMEACCOUNT :

all address and contact information
for all type ledgers



D_NAME TERMS :

all payment terms by account



D_NAME BANKINFO :

payment bank account details by account

TABLE STRUCTURES



A full database schema (no links) can be found on your installation CD.

Questions

1. What information do I want?
2. What parameters are required?
3. What conditions are required?

REPORT DESIGN

1. What information do I need?

- Nominal
- Account
- Doc Type
- Doc Num
- Doc Date
- Yearcode
- Period
- Value

REPORT DESIGN

2. What parameters are required?

- Nominal – Range From and to
- Yearcode – What Year
- Period – Range from and to

REPORT DESIGN

3. What conditions are required?

- Transaction Type = ACTUALS
- Company Code = SIGMA

CREATING A REPORT

- Connect to Data source
- Add Tables
- Check Joins
- Select Criteria
- Add/Sort Records

QUESTIONS ?

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FOR FURTHER INFORMATION

- Final Questions
- Own Objectives
- Feedback form will be emailed to you

Thank you for attending