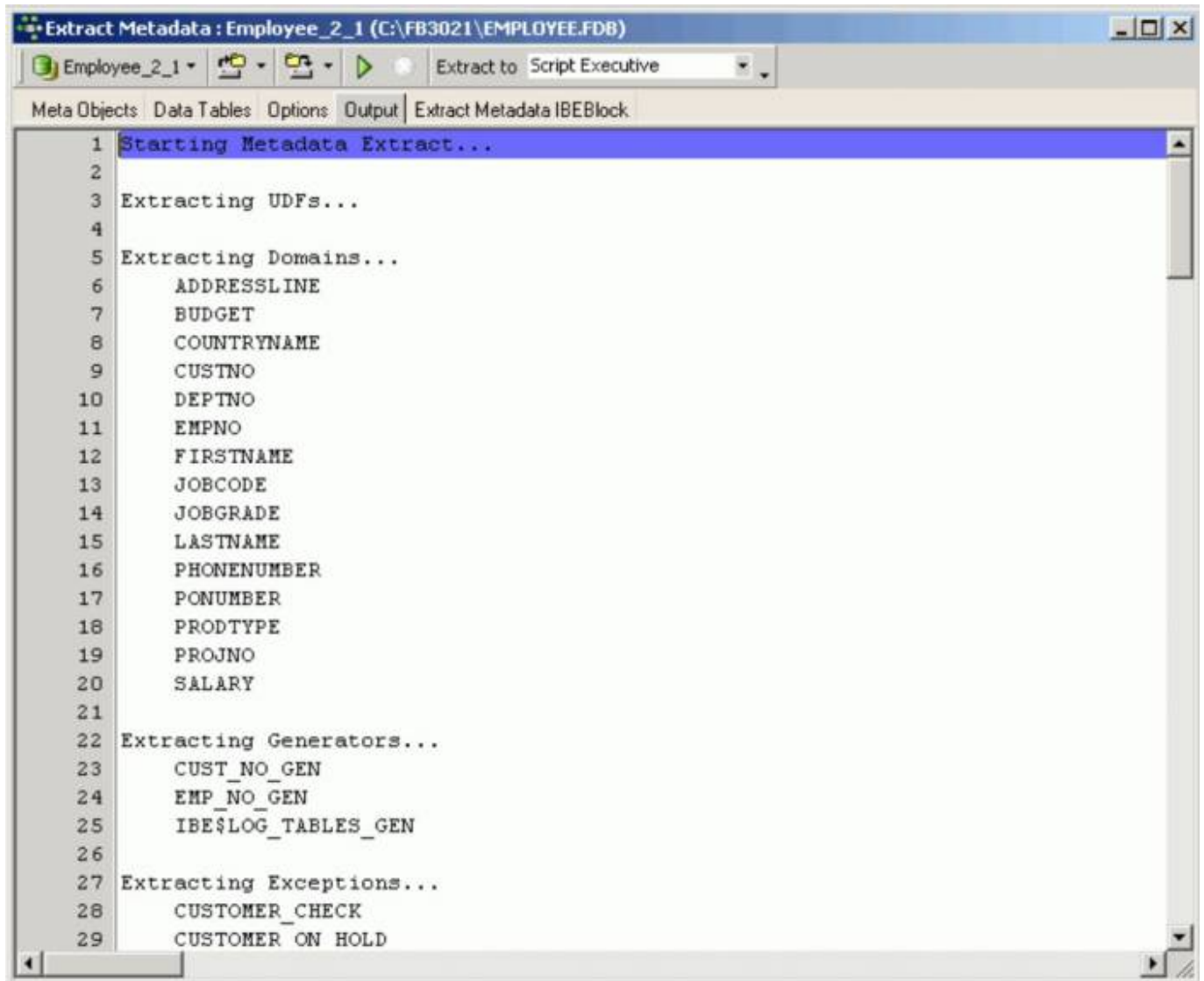


# Metadata

Metadata includes the definition of the [database](#) and [database objects](#) such as [domains](#), [generators](#), [tables](#), [constraints](#), [indices](#), [views](#), [triggers](#), [stored procedures](#), [user-defined functions \(UDFs\)](#) and [blob filters](#). Metadata is stored in [system tables](#), which are themselves part of every Firebird/InterBase® database.

Metadata includes all those [SQL statements](#) necessary to recreate the database object. It comprises the following elements:

- [CREATE DATABASE](#) statement
- [CREATE DOMAIN](#) statements
- [CREATE TABLE](#) statements
- declarative [referential integrity](#) using the [ALTER TABLE](#) statement
- [CREATE GENERATOR](#) statements
- [CREATE VIEW](#) statements
- [check constraints](#) using [ALTER TABLE](#) statements
- [CREATE EXCEPTION](#) statements
- [procedure](#) definitions using [CREATE PROCEDURE](#) or [ALTER PROCEDURE](#)
- [trigger](#) definitions using [CREATE TRIGGER](#) statements
- [granting of user authorizations](#) for [tables](#), [views](#) and [stored procedures](#).



Metadata for a table includes all domains and generators used by these tables plus the `CREATE TABLE` statement. It does not include any referential integrity definitions from this table to other tables or from other tables to this table.

Metadata for a view includes both the `CREATE VIEW` and `ALTER VIEW` statements.

The current metadata definitions can be viewed on the [DDL page](#) in the individual object editors.

```
Table : [CUSTOMER] : Employee_2_1 (localhost/3021:C:\FB3021\EMPLOYEE.FDB)
Table  Get record count  CUSTOMER
Fields  Constraints  Indices  Dependencies  Triggers  Data  Master/Detail View  Description  DD  Grants  Logging  Comparison  To-do
7  /***** Tables *****/
8  /***** Tables *****/
9  /***** Tables *****/
10
11
12  CREATE GENERATOR CUST NO GEN;
13
14  CREATE TABLE CUSTOMER (
15    CUST_NO          CUSTNO NOT NULL /* CUSTNO = INTEGER CHECK (VALUE > 1000) */,
16    CUSTOMER        VARCHAR(25) NOT NULL,
17    CONTACT_FIRST   FIRSTNAME /* FIRSTNAME = VARCHAR(15) */,
18    CONTACT_LAST    LASTNAME /* LASTNAME = VARCHAR(20) */,
19    PHONE_NO        PHONENUMBER /* PHONENUMBER = VARCHAR(20) */,
20    ADDRESS_LINE1   ADDRESSLINE /* ADDRESSLINE = VARCHAR(30) */,
21    ADDRESS_LINE2   ADDRESSLINE /* ADDRESSLINE = VARCHAR(30) */,
22    CITY            VARCHAR(25),
23    STATE_PROVINCE  VARCHAR(15),
24    COUNTRY         COUNTRYNAME /* COUNTRYNAME = VARCHAR(15) */,
25    POSTAL_CODE     VARCHAR(12),
26    ON_HOLD         CHAR(1) DEFAULT NULL
27  );
```

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