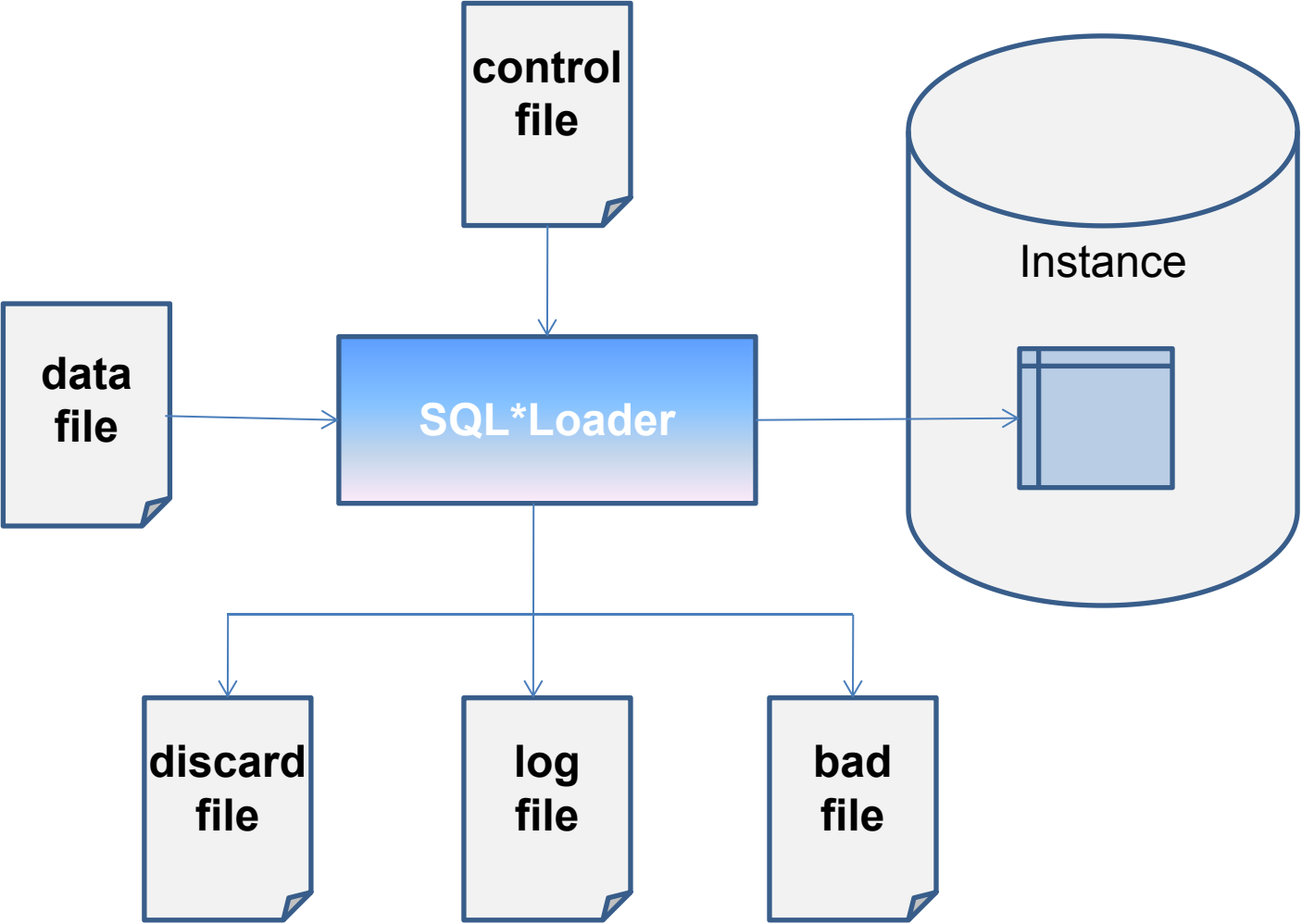


Load 1 file

Mag. Thomas Griesmayer

Architecture



bad file

- Integrity constraint violations
- Lack of free space in a tablespace
- Datatype and the data does not match

CustomerID	Date	Time	ChannelID
A0387404	20191224	193730	I
351191	201912	203517	T
582457	20191245	235824	I
123423	20191228	214721	B

log file

- The log file represents the activities during a load session.

SQL*Loader: Release 11.2.0.2.0 - Production on Sun Dec 15 11:25:24 2019

Control File: griesmayer_sales_staging.ldr

Data File: ../data/FACT_SALES.csv

Table SALES.FACT_GRIESMAYER_SALES_STAGING, loaded

Record 1: Rejected - Error on table SALES.FACT_GRIESMAYER_SALES_STAGING,
column SALES_DATE.

ORA-01841: (full) year must be between -4713 and +9999, and not be 0

Table SALES.FACT_GRIESMAYER_SALES_STAGING:

20116 Rows successfully loaded.

1 Row not loaded due to data errors.

discard file

- The discard file holds records that do not meet the selection criteria specified in the SQL*Loader control file.

- Sample:

```
INTO TABLE FINISHED_ORDERS  
WHEN ORDER_STATE = 'F'
```

This means all lines with a status different from 'F' will be in the discard file.

control file

```
LOAD DATA
REPLACE
INTO TABLE SALES.FACT_GRIESMAYER_SALES_STAGING
FIELDS TERMINATED BY ';'
OPTIONALLY ENCLOSED BY '"'
(
    SALES_DATE    DATE "YYYY-MM-DD",
    SALES_TIME,
    SALES_CHANNEL,
    PRODUCT_ID,
    CUSTOMER_ID,
    PIECES,
    REVENUE,
    DISCOUNT,
    TAX
)
```

control file

- RECOVERABLE (with redo)
- UNRECOVERABLE (without redo)

- INSERT (load into an empty table)
- APPEND (add data to a table)
- REPLACE (remove lines and insert)

- INFILE
- BADFILE
- DISCARDFILE

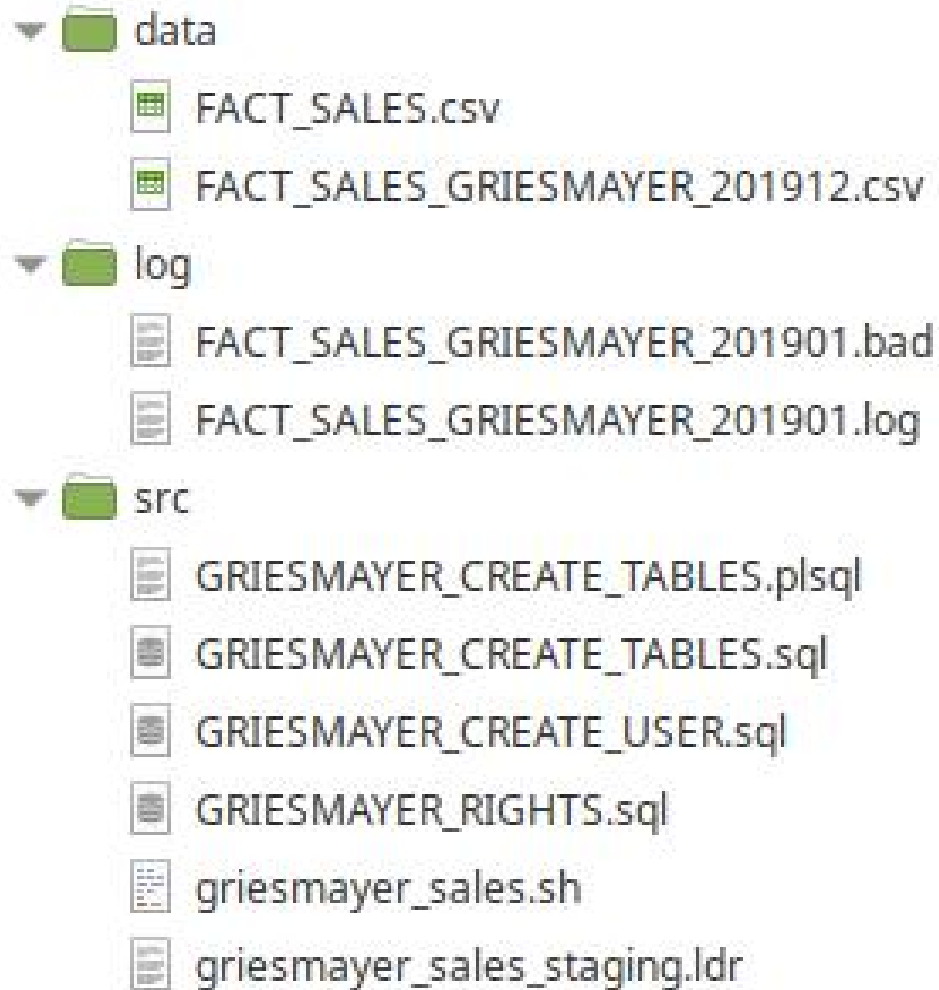
loader

```
$ sqlldr griesmayer/oracle data=../data/FACT_SALES.csv  
  control=griesmayer_sales_staging.ldr  
  log=../log/FACT_SALES_GRIESMAYER_201912.log  
  bad=../log/FACT_SALES_GRIESMAYER_201912.bad errors=20
```

```
SQL*Loader: Release 11.2.0.2.0 - Production on Mon Dec 30  
23:54:44 2019
```

```
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rights reserved.
```

```
Commit point reached - logical record count 64  
Commit point reached - logical record count 128  
Commit point reached - logical record count 192  
...  
Commit point reached - logical record count 20117
```

directory structure

