

Load multiple files

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DATA
JAN

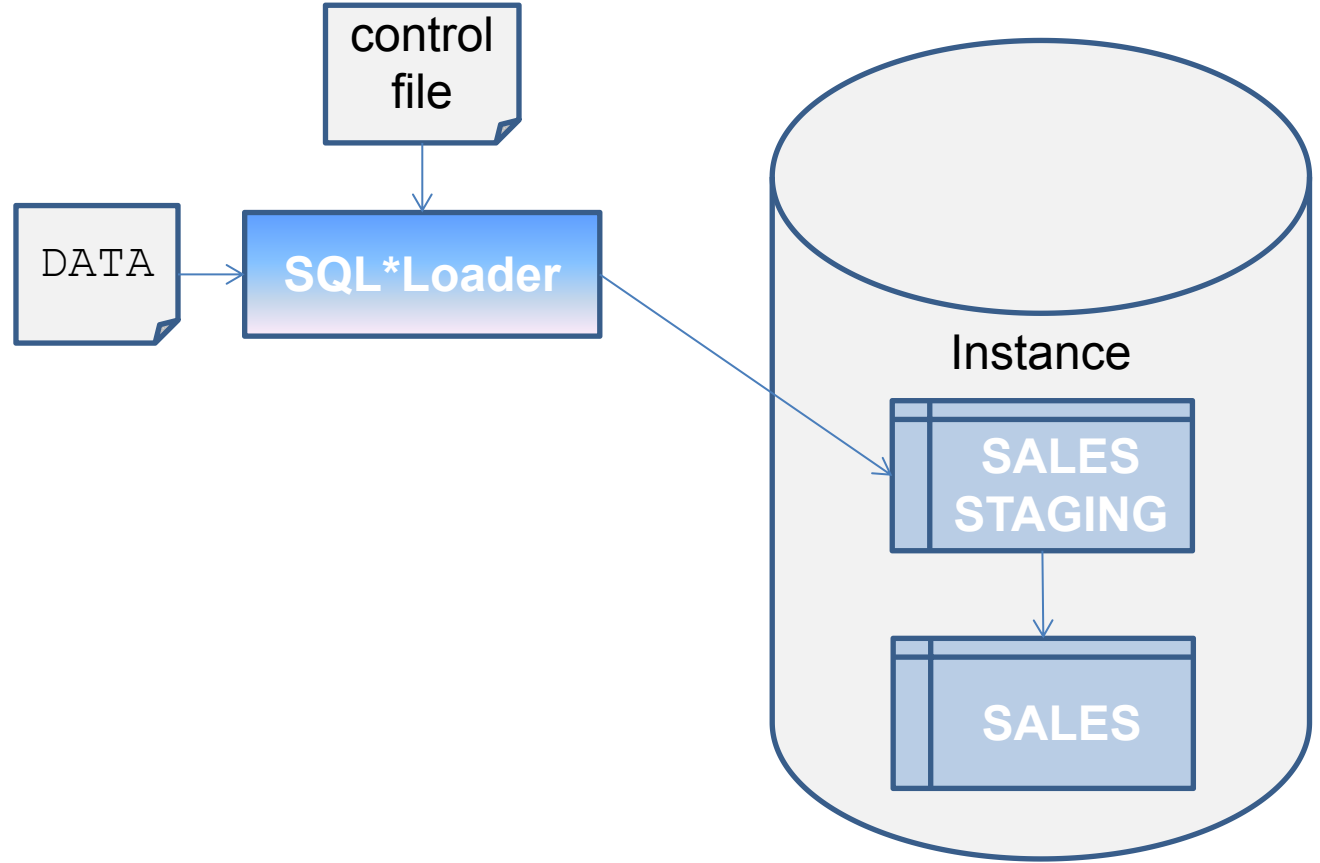
DATA
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regular expressions
format conversions
cleansing



Architecture

Text slide no reference

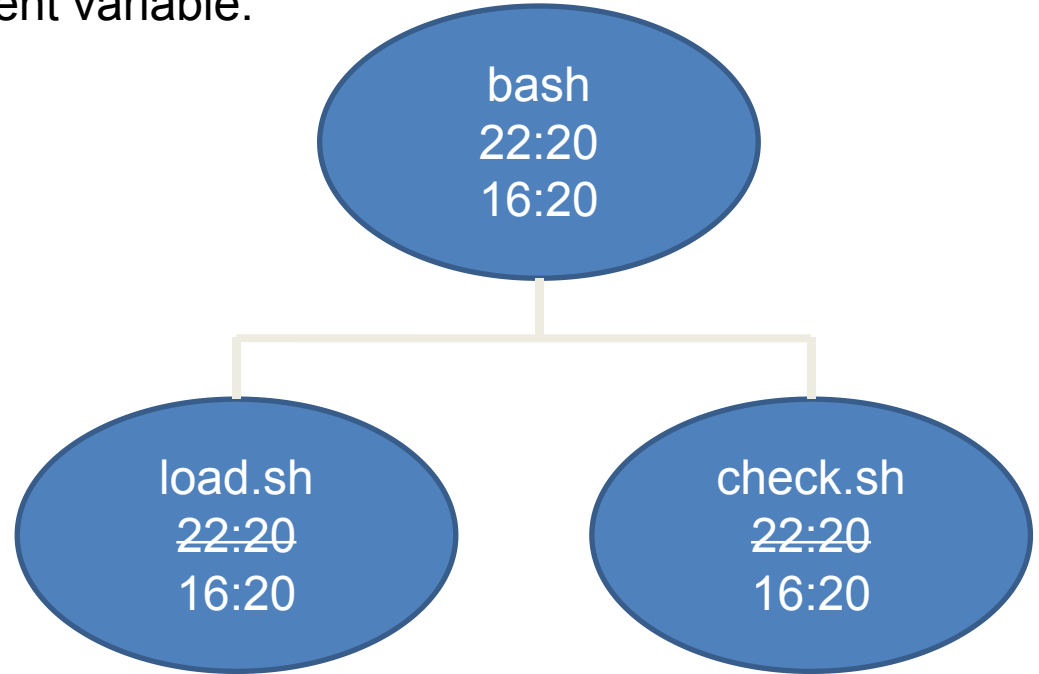
- The export command in a shell marks an environment variable to be exported to child processes.
- All child processes inherits the environment variable.

```
$ LOCAL='22:20'
```

```
$ export NEWYORK='16:20'
```

```
$ ./load.sh
```

```
$ ./check.sh
```



```
for FILE_NAME in `ls ../data/FACT_SALES_*.csv`
do
    export BASE_NAME=`basename $FILE_NAME`
    export JUST_NAME=`echo $BASE_NAME | sed -e 's/\..*//'`

    echo $FILE_NAME
    echo $BASE_NAME
    echo $JUST_NAME

    sed -e 's/"/"/g' $FILE_NAME |
        sed -e 's/ ;/;/g' |
        sed -e 's/,/./g' |
        dos2unix >../data/FACT_SALES.csv

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

```
sqlplus griesmayer/oracle <<!  
  INSERT INTO SALES.FACT_GRIESMAYER_SALES  
  SELECT SALES_DATE,  
         SALES_TIME,  
         SALES_CHANNEL,  
         PRODUCT_ID,  
         CUSTOMER_ID,  
         sum(PIECES) ,  
         sum(REVENUE) ,  
         sum(DISCOUNT) ,  
         sum(TAX)  
  FROM   SALES.FACT_GRIESMAYER_SALES_STAGING  
  GROUP BY SALES_DATE, SALES_TIME, SALES_CHANNEL, PRODUCT_ID,  
CUSTOMER_ID;  
  exit;  
!  
done
```

```
$ ./griesmayer_sales.sh
```

```
../data/FACT_SALES_GRIESMAYER_201911.csv
```

```
FACT_SALES_GRIESMAYER_201911.csv
```

```
FACT_SALES_GRIESMAYER_201911
```

```
SQL*Loader: Release 11.2.0.2.0 - Production on Tue Dec 31
```

```
Commit point reached - logical record count 64
```

```
Commit point reached - logical record count 128
```

```
Commit point reached - logical record count 192
```

```
../data/FACT_SALES_GRIESMAYER_201912.csv
```

```
FACT_SALES_GRIESMAYER_201912.csv
```

```
FACT_SALES_GRIESMAYER_201912
```

```
SQL*Loader: Release 11.2.0.2.0 - Production on Tue Dec 31
```

```
Commit point reached - logical record count 64
```

```
Commit point reached - logical record count 128
```

```
Commit point reached - logical record count 192
```