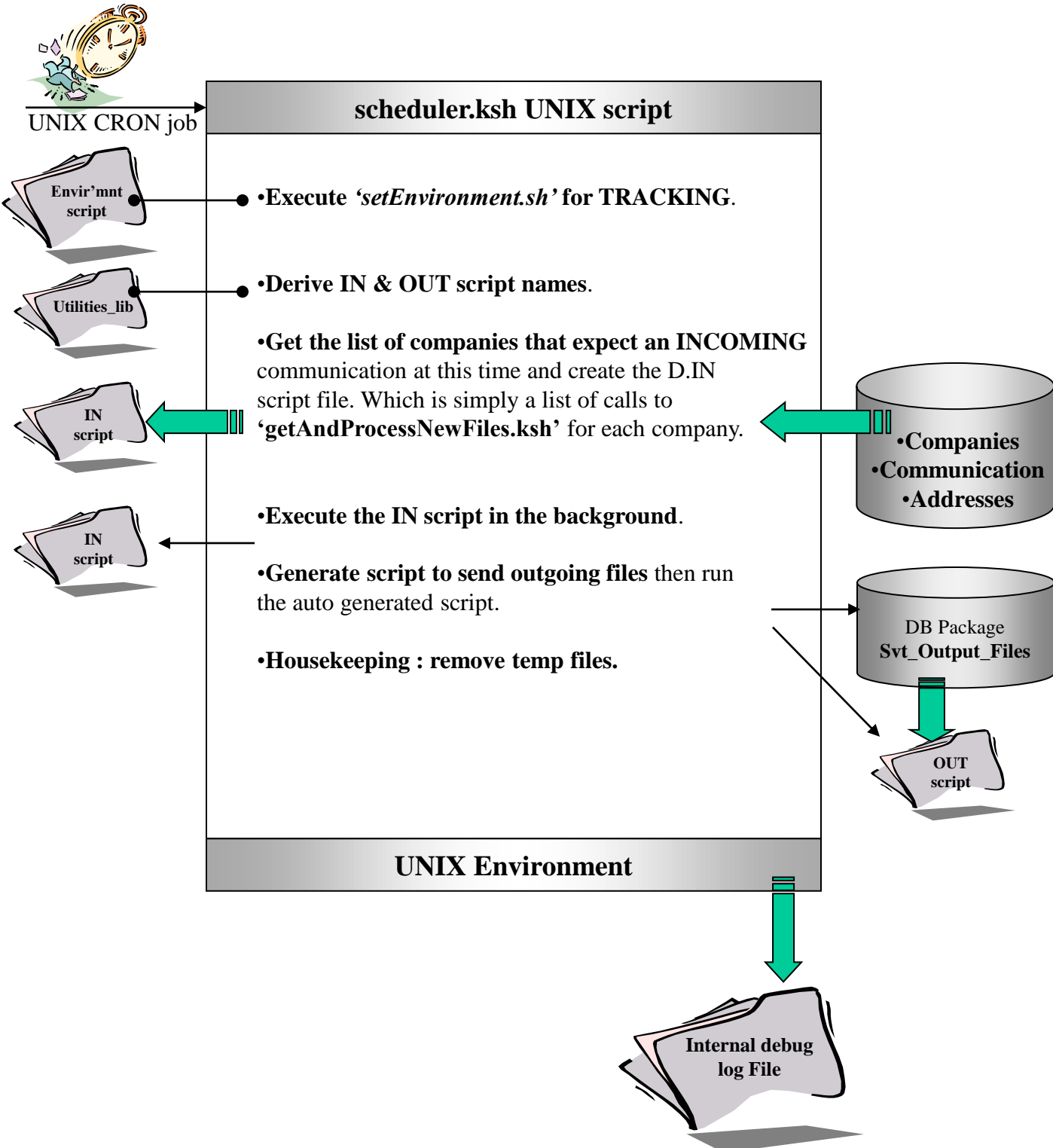


# Svt Scheduler

## Program Flow Diagram

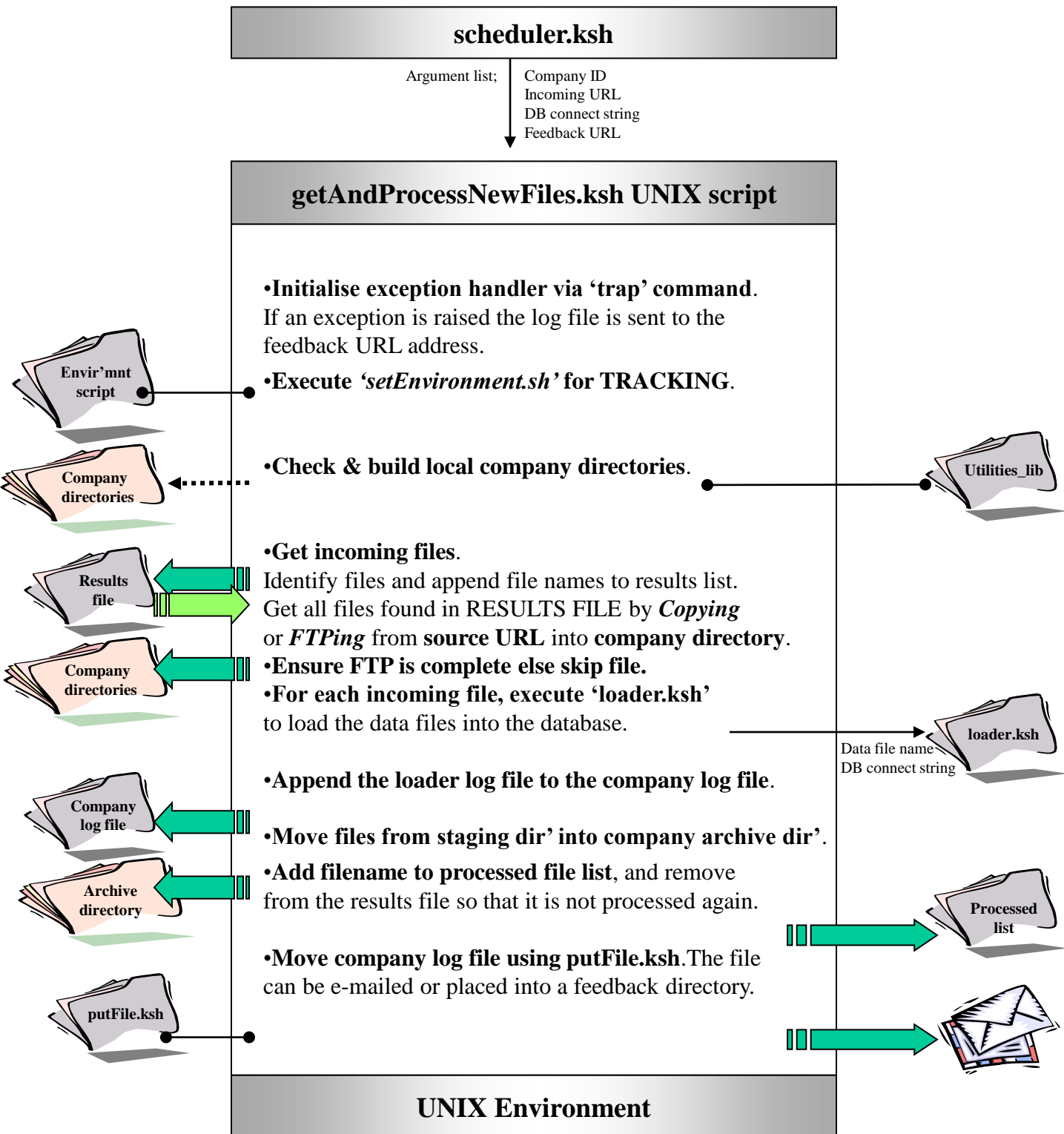
( High Level )



# Svt getandprocessnew files

## Program Flow Diagram

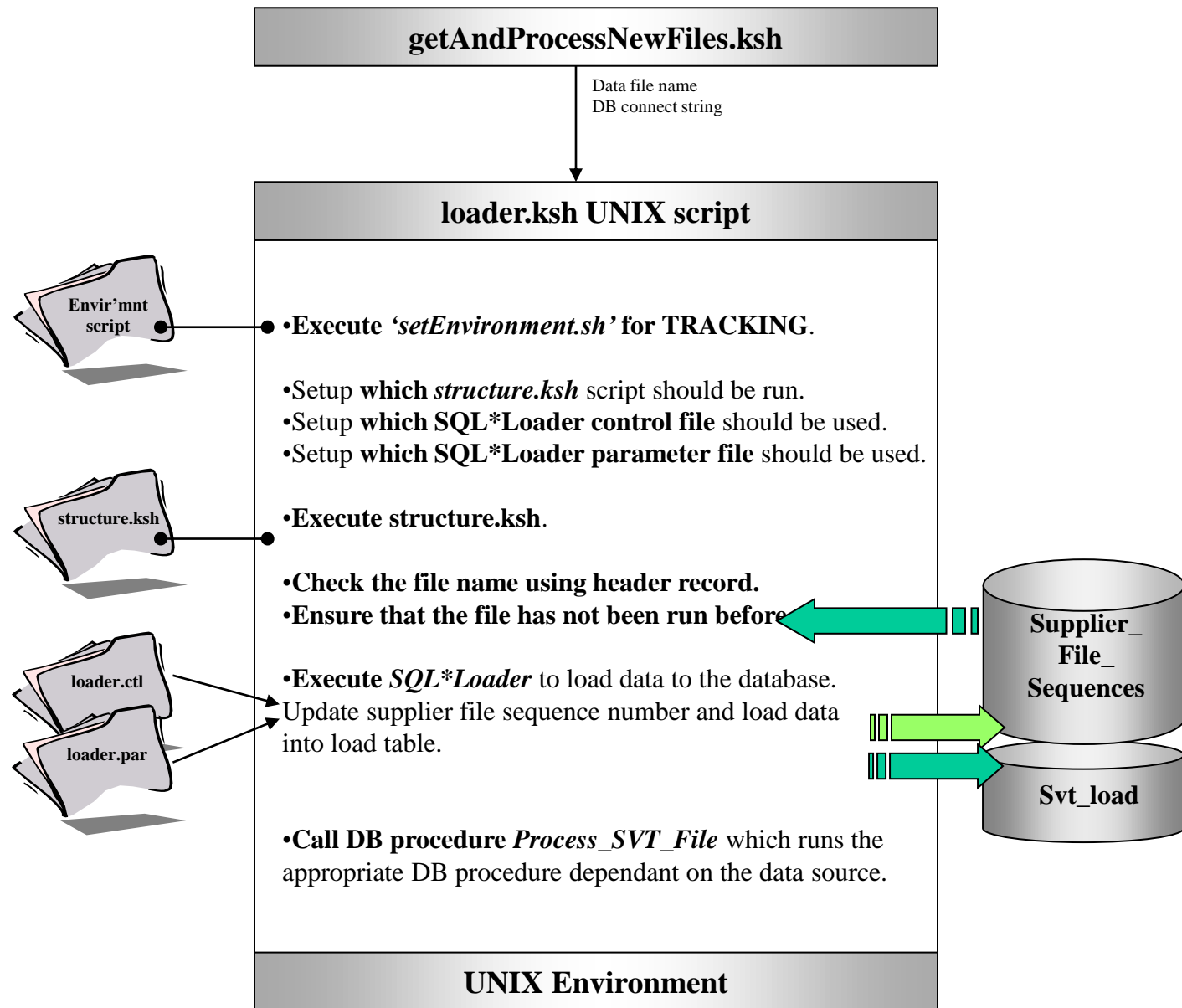
( High Level )



# Svt Loader

## Program Flow Diagram

( High Level )



# SVT Output Processing

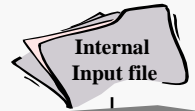
## Program Flow Diagram

( High Level Data Flow )

UNIX CRON Job



schedule.ksh UNIX script



UNIX

Load file using  
SQL\*Loader

SVT\_Output\_Process

ORACLE

Validate and format  
the input data records.  
Store formatted records  
into output table.

SVT\_Output\_Files

ORACLE

Extract all records for  
each carrier and wrap  
with header and trailer  
records.  
Write file to default  
output directory and log  
table.  
One data file per carrier.  
Script file created to move  
data files to carrier dir's

svt\_move.ksh

Execute MOVE script  
to move output files into  
required carrier directories  
or e-mail data.

UNIX

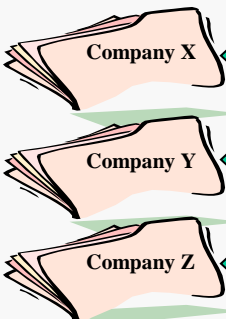
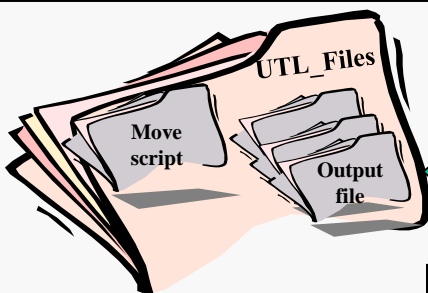
UNIX Environment

SVT\_LOAD

SVT\_Output

SVT\_Out\_Files

Unix Files & Directories



To Outgoing URL

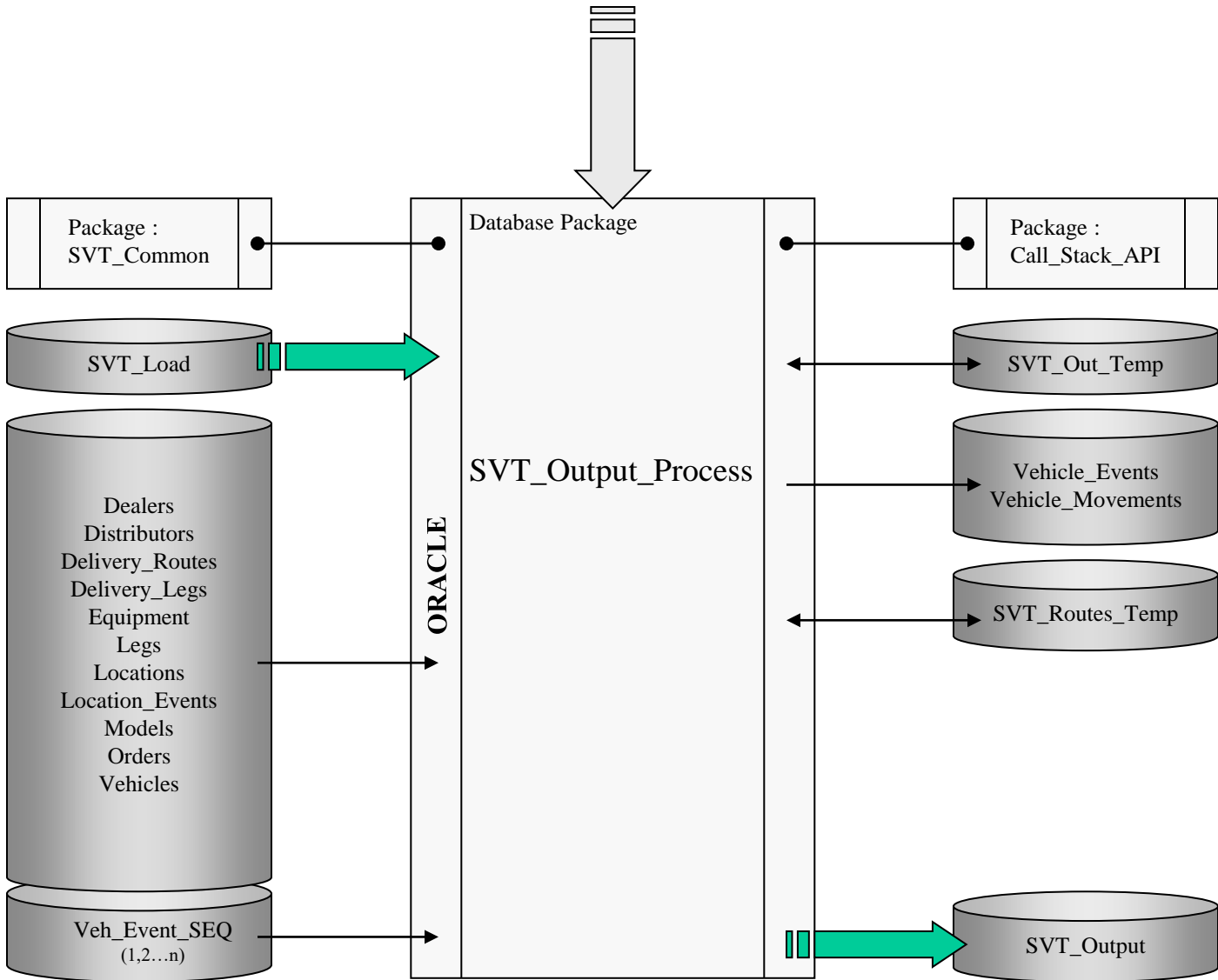
# SVT Output Process

## Dependency Diagram



UNIX CRON Job

schedule.ksh UNIX script

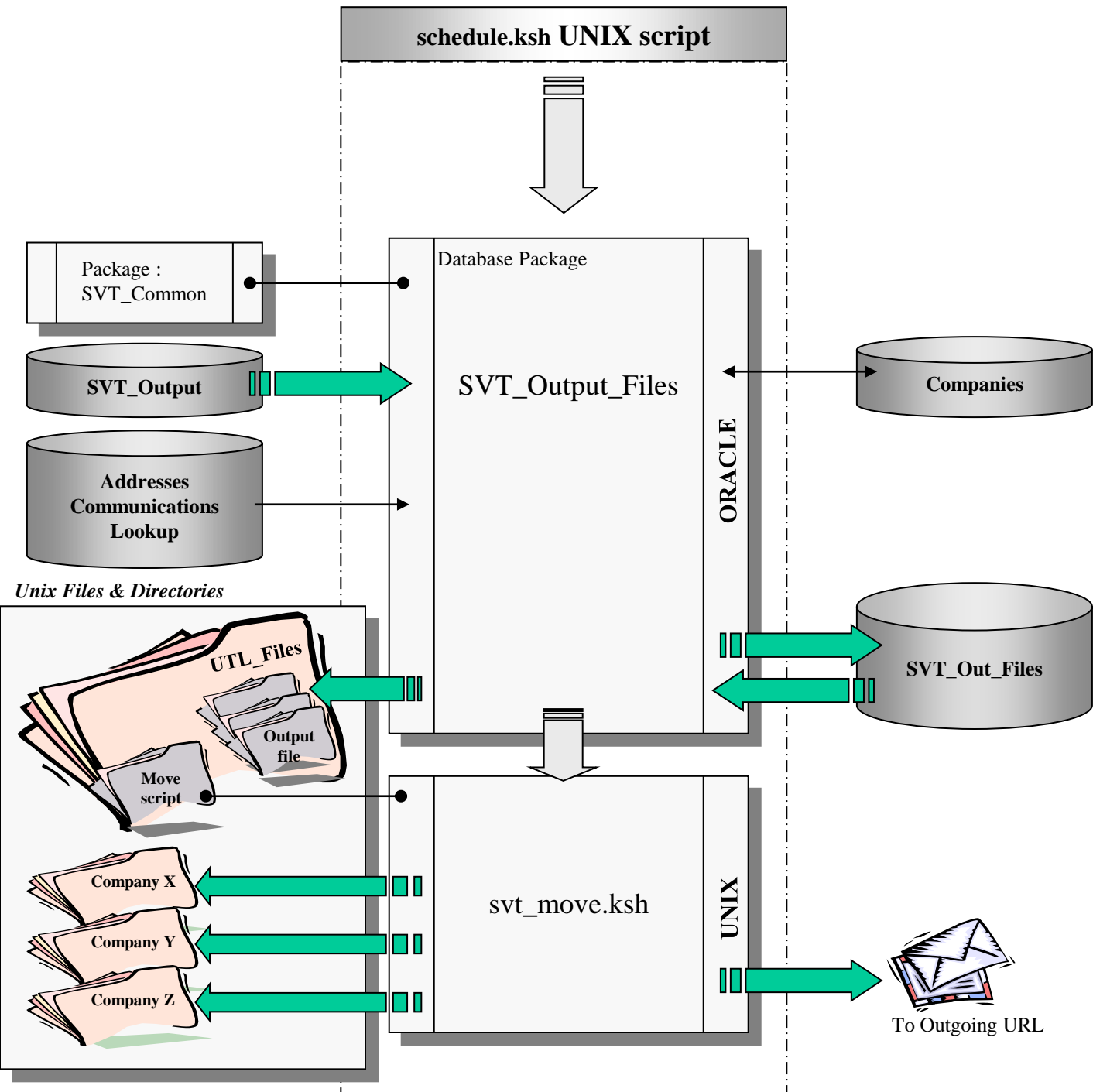


### Key

- — ● Program links
- ↔ Data read & write
- Data read or write
- ➡ Main Flow of Data

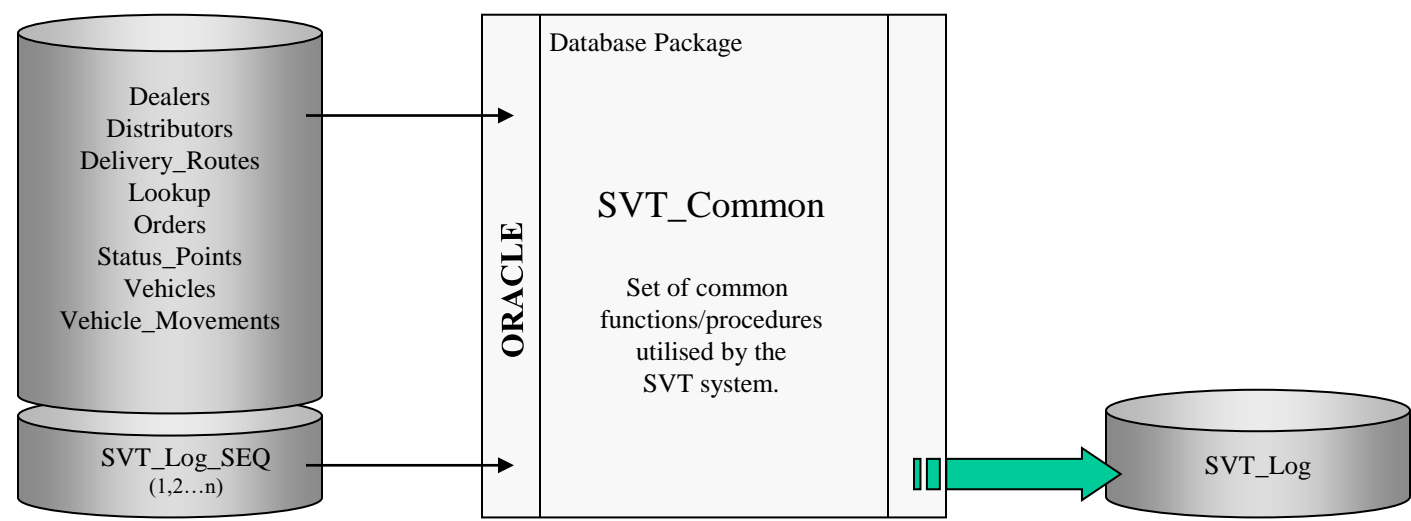
# SVT Output Files

## Dependency Diagram

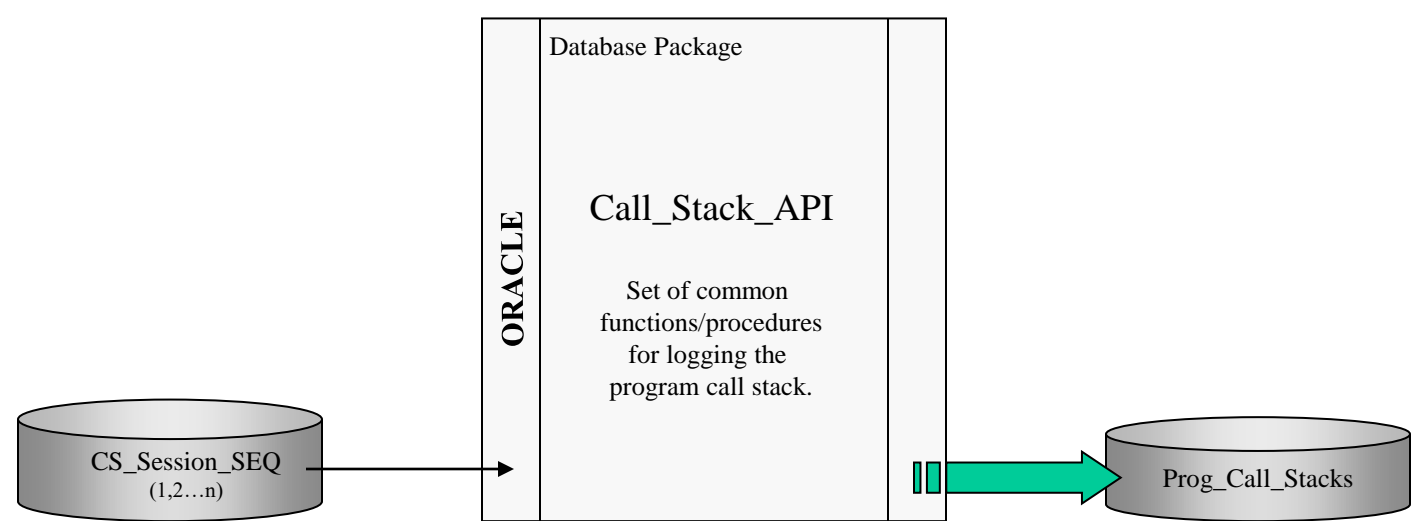


# Common Packages

## Dependency Diagrams



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# SVT Ddo Extract

## Program Flow Diagram (High Level)



UNIX CRON Job

ddo\_schedule.ksh UNIX script

SVT\_Extract

- Extract required data from the ORDER related tables.
- Generate the DDO extract file.
- Generate the move script.

ORACLE

svt\_move\_extracts.ksh

Move the DDO extract from the UTL-Files directory into the current LOAD directory.

UNIX

Orders  
Order\_History  
Body\_Types  
Model  
Companies  
Communication  
Addresses

SVT\_Out\_Files

Unix Files & Directories

UTL\_Files

Extract file

Move script

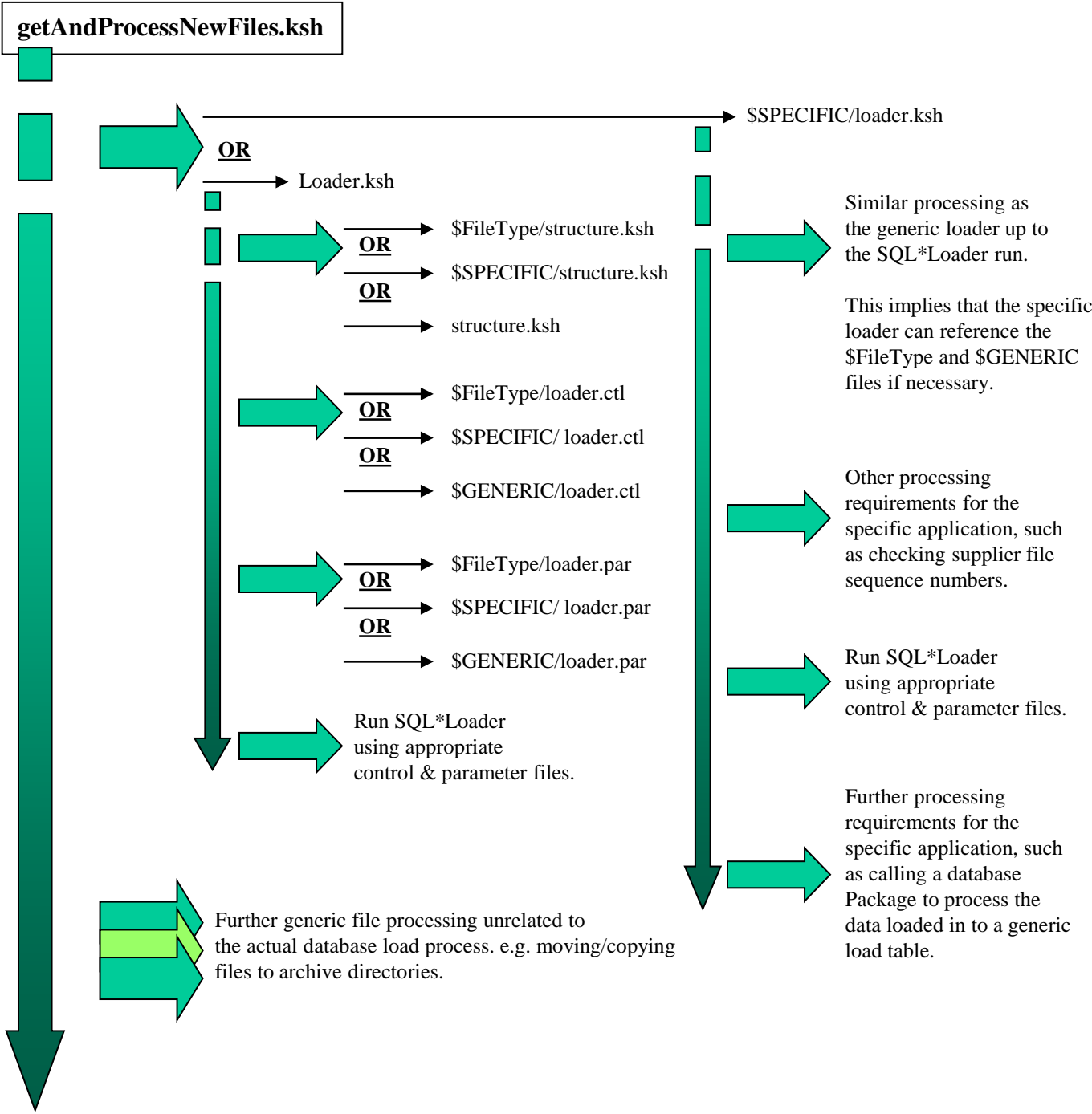
Load Directory

### NOTE:

The DDO extract must be run before the LOAD process, to ensure that the extract will be loaded in the next LOAD run. The extract must also be fired using a separate CRON job, so as not to affect the timing of the LOAD process.



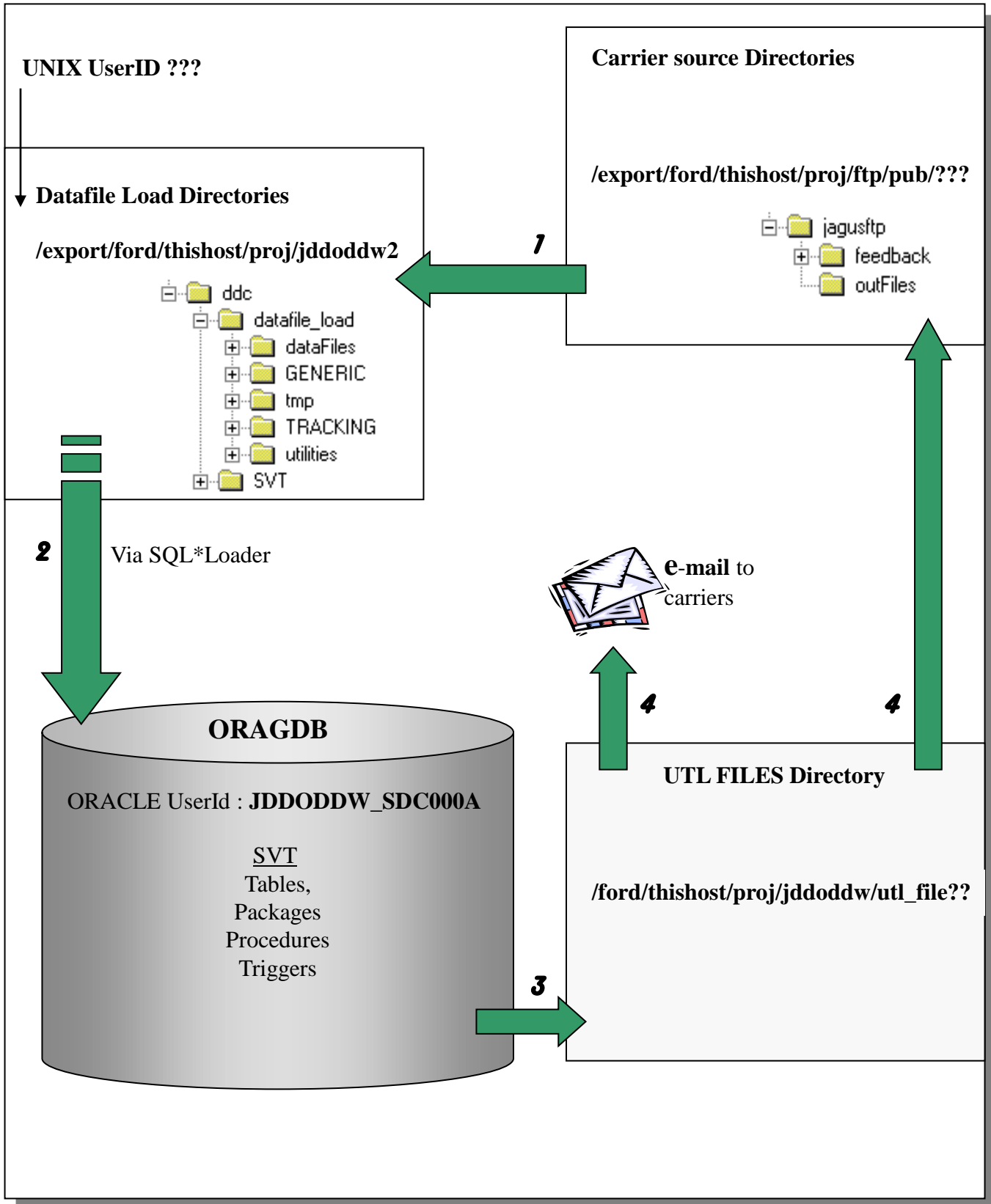
# Generic/Specific Data Loading



# SVT Unix Server Setup

## An overview

UNIX Server : PDDS; ddo.warley.ford.com



## LOOKUP Parameters explained

1. **DEBUG\_SVT\_LOAD :** Turns the DEBUG messages on and off. (Set to TRUE/FALSE)
2. **SVT\_OUT\_DIR :** Specifies the UTL\_FILES directory to which ORACLE can read from and write to.eg /export/home/utlfiles/en
3. **SVT\_FTP\_WAIT :** Specifies the wait time, in seconds, to allow an FTP transfer to complete.
4. **SVT\_VALIDATE\_MOVES\_FOR :**  
Carrier code for which the action codes must be validated.  
This is done to ensure that UPDATES, MODIFY etc. are not processed.
5. **SVT\_VALID\_MOVEMENTS :**  
Action code which is acceptable when validating the file. If the name of the carrier exists as a SVT\_VALIDATE\_MOVES\_FOR this parameter is checked. Have multiple rows if you have more than one valid action code. Eg, N=NEW, M=Mod, D=Delete.  
NB: These codes are not hard coded into the program, what ever is set in this parameter will be passed all other codes will fail.