

# ORACLE based automated data file load

( High level view )

## UNIX server

Cronjob fires schedule script.(with APP parameter)

- 1.Call ORACLE to make move scripts.
- 3.Execute copy & 'ls' scripts.
- 4.Call ORACLE loading process.
10. Run archive script.

(Application directories)

10.Archive data files.

Carrier Directories

3.Copy data files.

3.Results of 'ls' script.

UTL\_FILES  
Directory

## ORACLE

"TRACKING" parameter.

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Write script files

Read list of file names

Read in the data files

2. Generate copy scripts to move source data files into UTL\_files dir.  
Generate an 'ls' script file to create the list of filenames for loading.

5. Read in the list of new files.(i.e. contained in the result of the 'ls' script.)

6. Load each new file into the temp loading table.

7. Validate each file and move from the temp table into SVT\_LOAD.

8. If processed successfully add to processed list.

9. Generate script to archive processed files and delete source files.

## First scratch at defining table structures

### DDC\_Company\_FileTypes

Company_ID	File_Type
AXIAL	EXT
DDO	INT
J-N-A	JNA

### DDC\_LoadFile\_Formats

Type	LoadTable	Column	Start	End	RecordType	Constant	Function	Mandatory	SysValue
EXT	VALIDATE_ONLY	REC_COUNT	20	26	F			Y	
EXT	FILE_SEQS	SEQ_NO	26	30	H			Y	
EXT	SVT_LOAD	CSO_NUMBER	18	25	D			Y	
EXT	SVT_LOAD	USER				SVT			
EXT	SVT_LOAD	TIMESTAMP							SYSDATE

The FUNCTION column will hold the transformation string found in the SQL\*Loader control file.

### DDC\_LoadFiles

App_Name	CompanyID	Filename	Data_Record	Rec_number	TimeStamp
TRACKING	J-N-A	J-N-A15.data	H02052000 JAG 000	1	01-07-2000 15:00
TRACKING	J-N-A	J-N-A15.data	D02052000 JAG000	2	01-07-2000 15:00