

INTRODUCTION

TO

DATALOAD

- DHEERAJ PANJWANI

INTRODUCTION

IT IS MOST POPULAR TOOL USED FOR LOADING DATA FROM FRONT END ON FORMS OF VARIOUS ERPs & CRMs PRODUCT LIKE ORACLE APPLICATION, SAP AND JDEDWARDS.

Implementing or supporting any application often requires significant effort to configure and load data, for example from legacy systems, an expensive and time-consuming activity.

DataLoad reduces the time and costs associated with data migration. Its easy-to-use interface means that it can be used by non-technical employees, giving end-users an active role in the implementation and support of any system.

TABLE OF CONTENTS

| | |
|--|----------|
| 1. USES OF DATA LOADER..... | 3 |
| 2. HOW TO DOWNLOAD TRIAL VERSION OF DATALOAD..... | 4 |
| 3. EXAMPLES OF DATALOAD SCRIPT..... | 5 |
| 4. COMMANDS USED IN DATALOAD..... | 7 |
| 5. ADVANTAGES OF USING DATALOAD..... | 9 |

1. USES OF DATA LOADER

DATALOAD LOADS DATA INTO ANY APPLICATION RUNNING IN WINDOWS, AND CONTAINS EXTRA FUNCTIONALITY FOR LOADING DATA AND SETUP INTO ORACLE APPLICATIONS.

1. Dataload help in Loading Data eg. Doing Business Transactions as well as help in Doing Replica setup for other instances or other Business units.
2. With Macro loads functionality data is loaded into forms by using keyboard and mouse.
3. Forms Playback functionality specific to Oracle Application.
All versions of Oracle Forms contain 'record' and 'playback' functionality. Run Forms in record mode a file is written detailing everything you did in the forms session. Run forms in playback mode and the forms will do whatever is specified in the file being played back. So, if you enter an customer's order in your order entry system when in record mode then playback that file on another system that order will be loaded into the second system.
It is very fast load i.e. 20 times faster than Macro Load and having built in error handling.
4. Can be easily used by non-technical person or end-user as Data is loaded through forms.
5. It is Front End Data Loader and thus no Direct Database Interface required.

2. HOW TO DOWNLOAD TRIAL VERSION OF DATALOAD

Web Site:

<http://dataload.net>

There are two downloads available for DATALOAD:

1. DataLoad Classic V4.3.7.0- Freely downloaded

Limitation:

- (a) All Features of Spreadsheet not available.
- (b) Forms Playback Functionality doesn't work.
- (c) Unable to handle error when Oracle Session disconnected.

2. DataLoad Professional V4.3.7.0 – Required to Buy

Recommended for users loading large volume of data and reliability is more important.

Forms Playback functionality specific to Oracle Application is available in this download only.

3. EXAMPLES OF DATALOAD SCRIPT

A. TRANSACTION RELATED EXAMPLE

This Spreadsheet shows the Dataload script written to apply the Credit Memo towards invoices created in AR.

1st portion

| Title | Key Strokes | Tab | Tab | Data | Tab | *SL(1) | Data | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | Key Sho |
|-------|-------------|-----|-----|-------|-----|--------|--------|-----|-----|--------|-----|-----|--------|---------|
| 1 | VF11) | Tab | Tab | 23663 | Tab | *SL(1) | 916029 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 2 | VF11) | Tab | Tab | 23663 | Tab | *SL(1) | 916136 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 3 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313402 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 4 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313403 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 5 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313404 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 6 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313405 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 7 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313406 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 8 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313407 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 9 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313408 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 10 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313568 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 11 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313569 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 12 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313570 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 13 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313571 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 14 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313572 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 15 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313573 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 16 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313574 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 17 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313593 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 18 | VF11) | Tab | Tab | 21083 | Tab | *SL(1) | 321683 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 19 | VF11) | Tab | Tab | 20598 | Tab | *SL(1) | 254805 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 20 | VF11) | Tab | Tab | 20851 | Tab | *SL(1) | 255653 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 21 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313434 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |
| 22 | VF11) | Tab | Tab | 20943 | Tab | *SL(1) | 313435 | Tab | *QR | *SL(2) | *NB | *AP | *SL(2) | VF(7) |

2nd Portion

| Title | Key Strokes | Data | Tab | *SL(4) | *SAVE | Key Strokes | *SL(2) | | | | | | | |
|-------|-------------|--------|-----|--------|-------|-------------|--------|--|--|--|--|--|--|--|
| 1 | VF(7) | 891259 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 2 | VF(7) | 892548 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 3 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 4 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 5 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 6 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 7 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 8 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 9 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 10 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 11 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 12 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 13 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 14 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 15 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 16 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 17 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 18 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 19 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 20 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 21 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |
| 22 | VF(7) | 499524 | Tab | *SL(4) | *SAVE | VF(8) | *SL(2) | | | | | | | |

B. SETUP RELATED EXAMPLE

- For Creating Payment Terms in AP

1st Portion

| Title | 'CW (Payment Terms) | Name | TAB Description | Description | TAB | TAB | CutOffDay | TAB | TAB | Data | TAB | TAB | DaysNetto | MonthsAheadNetto | TAB | Diskont | TAB | Days |
|-------|---------------------|-----------|-----------------|---------------------------|-----|-----|-----------|-----|-----|------|-----|-----|-----------|------------------|-----|---------|-----|------|
| 1 | 'CW (Payment Terms) | 08/2/30/0 | TAB | 8 Tage 2%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 2 | TAB | 8 |
| 2 | 'CW (Payment Terms) | 10/1/30/0 | TAB | 10 Tage 1%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 1 | TAB | 10 |
| 3 | 'CW (Payment Terms) | 10/2/30/0 | TAB | 10 Tage 2%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 2 | TAB | 10 |
| 4 | 'CW (Payment Terms) | 10/3/30/0 | TAB | 10 Tage 3%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 3 | TAB | 10 |
| 5 | 'CW (Payment Terms) | 14/2/30/0 | TAB | 14 Tage 2%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 2 | TAB | 14 |
| 6 | 'CW (Payment Terms) | 14/2/45/0 | TAB | 14 Tage 2%, 45 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 45 | TAB | TAB | 2 | TAB | 14 |
| 7 | 'CW (Payment Terms) | 14/2/60/0 | TAB | 14 Tage 2%, 60 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 60 | TAB | TAB | 2 | TAB | 14 |
| 8 | 'CW (Payment Terms) | 14/3/30/0 | TAB | 14 Tage 3%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 3 | TAB | 14 |
| 9 | 'CW (Payment Terms) | 14/3/45/0 | TAB | 14 Tage 3%, 45 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 45 | TAB | TAB | 3 | TAB | 14 |
| 10 | 'CW (Payment Terms) | 14/3/60/0 | TAB | 14 Tage 3%, 60 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 60 | TAB | TAB | 3 | TAB | 14 |
| 11 | 'CW (Payment Terms) | 15/2/30/0 | TAB | 15 Tage 2%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 2 | TAB | 15 |
| 12 | 'CW (Payment Terms) | 20/3/30/0 | TAB | 20 Tage 3%, 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 3 | TAB | 20 |
| 13 | 'CW (Payment Terms) | 20/3/60/0 | TAB | 20 Tage 3%, 60 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 60 | TAB | TAB | 3 | TAB | 20 |
| 14 | 'CW (Payment Terms) | 30/2/60/0 | TAB | 30 Tage 2%, 60 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 60 | TAB | TAB | 2 | TAB | 30 |
| 15 | 'CW (Payment Terms) | Netto 000 | TAB | Solort Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 0 | TAB | TAB | TAB | TAB | |
| 16 | 'CW (Payment Terms) | Netto 008 | TAB | 8 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | 0 | TAB | 8 |
| 17 | 'CW (Payment Terms) | Netto 010 | TAB | 10 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 10 | TAB | TAB | TAB | TAB | |
| 18 | 'CW (Payment Terms) | Netto 014 | TAB | 14 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 14 | TAB | TAB | TAB | TAB | |
| 19 | 'CW (Payment Terms) | Netto 030 | TAB | 30 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 30 | TAB | TAB | TAB | TAB | |
| 20 | 'CW (Payment Terms) | Netto 045 | TAB | 45 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 45 | TAB | TAB | TAB | TAB | |
| 21 | 'CW (Payment Terms) | Netto 060 | TAB | 60 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 60 | TAB | TAB | TAB | TAB | |
| 22 | 'CW (Payment Terms) | Netto 090 | TAB | 90 Tage Netto | TAB | TAB | | TAB | TAB | 100 | TAB | TAB | 90 | TAB | TAB | TAB | TAB | |

2nd Portion

DataLoad C:\DOCUME~1\DHFERA~1\LOCALS~1\Temp\Temporary Directory 1 for payment_terms.zip\PaymentTermsInitialLoadNormalDiskont.did

File Edit Tools Data Help

Oracle Applications - Ruwido Production Command Group T11

Description PaymentTermsInitialLoadNormalDiskont

R0 CD

DataLoad Quick Links: [DataLoad Web Site](#) [DataLoad Forum](#)
[Online User Guide](#) [Email DataLoad Support](#)
[Download DataLoad](#) [DataLoad Spreadsheets](#)

| Title | TAB | TAB | TAB | Data | TAB | TAB | TAB | DaysNetto | TAB | MonthsAheadNetto | TAB | Diskont1 | TAB | Days1 | TAB | SP | SL2 |
|-------|-----|-----|-----|------|-----|-----|-----|-----------|-----|------------------|-----|----------|-----|-------|-----|----|-----|
| 1 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 3 | TAB | 8 | TAB | SP | SL2 |
| 2 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 1 | TAB | 10 | TAB | SP | SL2 |
| 3 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 2 | TAB | 10 | TAB | SP | SL2 |
| 4 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 3 | TAB | 10 | TAB | SP | SL2 |
| 5 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 2 | TAB | 14 | TAB | SP | SL2 |
| 6 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 45 | TAB | | TAB | 2 | TAB | 14 | TAB | SP | SL2 |
| 7 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 60 | TAB | | TAB | 2 | TAB | 14 | TAB | SP | SL2 |
| 8 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 3 | TAB | 14 | TAB | SP | SL2 |
| 9 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 45 | TAB | | TAB | 3 | TAB | 14 | TAB | SP | SL2 |
| 10 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 60 | TAB | | TAB | 3 | TAB | 14 | TAB | SP | SL2 |
| 11 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 2 | TAB | 15 | TAB | SP | SL2 |
| 12 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 3 | TAB | 20 | TAB | SP | SL2 |
| 13 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 60 | TAB | | TAB | 3 | TAB | 20 | TAB | SP | SL2 |
| 14 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 60 | TAB | | TAB | 2 | TAB | 30 | TAB | SP | SL2 |
| 15 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 0 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 16 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | 0 | TAB | 8 | TAB | SP | SL2 |
| 17 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 10 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 18 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 14 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 19 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 30 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 20 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 45 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 21 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 60 | TAB | | TAB | | TAB | | TAB | SP | SL2 |
| 22 | TAB | TAB | TAB | 100 | TAB | TAB | TAB | 90 | TAB | | TAB | | TAB | | TAB | SP | SL2 |

Data size: 24 Cols, 1636 Rows Time: 0:15

As we run the script, the DataLoad starts loading data whether transaction or setup automatically from this form to Oracle Apps forms.

4. COMMANDS USED IN DATALOADER

| DataLoad Command | Application Action(s) |
|------------------|---|
| TAB | <Tab> |
| ENT | <Enter> |
| *UP | <Up Arrow> |
| *DN | <Down Arrow> |
| *LT | <Left Arrow> |
| *RT | <Right Arrow> |
| *SP | Save & Proceed |
| *FE | Field Editor |
| *PB | Previous Block |
| *NB | Next Block |
| *PF | Previous Field |
| *NF | Next Field |
| *PR | Previous Record |
| *NR | Next Record |
| *ER | Erase Record |
| *DR | Delete Record |
| *FR | First Record |
| *LR | Last Record |
| *SAVE | Save Record |
| *SB | Send a single space character |
| *ST | Select entire field text. |
| *SLN or *SL(N) | Pause for N seconds. |
| *BM | Block Menu |
| *AX | Alt + X where X is a single letter (A-Z). |
| *FI | Find |

| | |
|---------------------------|--|
| *FA | Find All |
| *QE | Query Enter |
| *QR | Query Run |
| *CL | Clear Field |
| *IR | Insert record |
| *CW(<i>window</i>) | Change to window. |
| *ML(<i>coordinates</i>) | Position the mouse at <i>coordinates</i> and press the left button. |
| *MR(<i>coordinates</i>) | Position the mouse at <i>coordinates</i> and press the right button. |

5. ADVANTAGES OF USING DATALOAD

Loading Data

- **DataLoad is an alternative to conventional database interfaces.**
- **Loads are built very quickly.**

Replicating Setup Between Instances

- **Application setup is a laborious task, often required multiple times.**
- **Use dataload to perform setup once and play back multiple times.**