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IWS/BatchAD - Product Presentation

Mass Updates for IWS z/OS

What is IWS/BatchAD?

IWS/BatchAD is an add on to IWS, it enables you to:
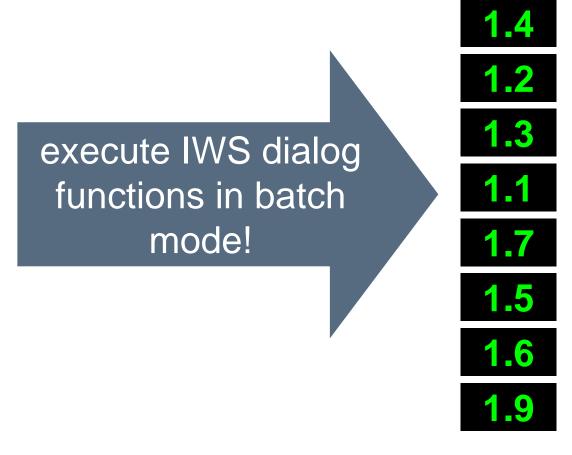
- Perform mass updates
- Modify <u>all</u> IWS z/OS definitions in batch
- To move IWS applications from one IWS into another by modifying keys
- ...

With IWS/BatchAD

Insert, delete, modify or list

- Applications
- Calendars
- Periods
- Workstations
- ETT
- OI
- Special Resource Definitions
- Variable tables

execute IWS dialog functions in batch mode!

1.4
1.2
1.3
1.1
1.7
1.5
1.6
1.9

Without IWS/BatchAD

IWS's integrated mass update function does not compare with IWS/BatchAD:

- The IWS mass update is complicated and incomplete
- Your own PIF program will need
  - maintenance for new IWS versions
  - manpower to implement requirements
  - documentation

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Technique of IWS/BatchAD

IWS/BatchAD is a "normal" program (no STC). It communicates with the IWS controller.
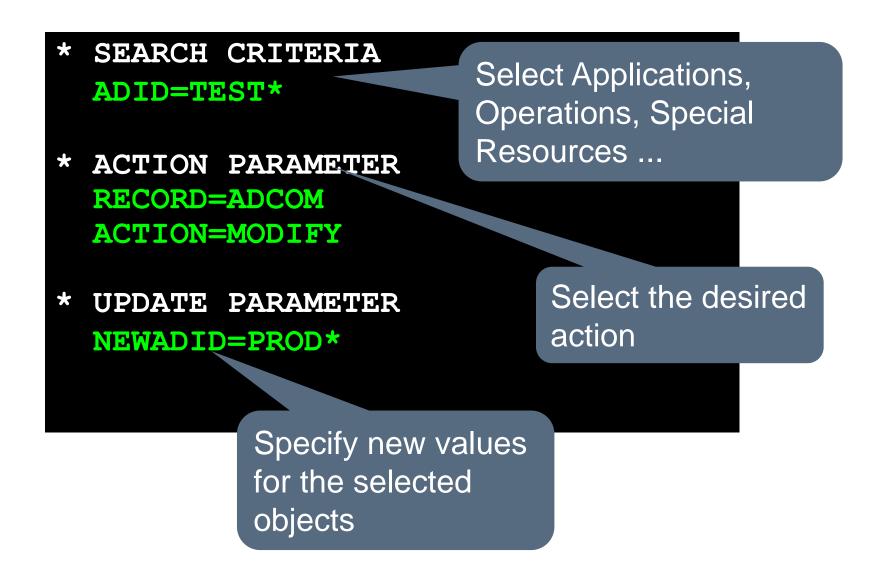
- IWS/BatchAD uses PIF (IWS Program Interface)
  - 100% secure
  - 100% reliabel
- IWS/BatchAD can be used in
  - Batch programs (JCL)
  - Dialog programs (Clist, REXX)

Selection

IWS/BatchAD offers a wide range of selection functionality:

- Generic
  - Use wildcards for selection and modification (change all Applications PROD* to TEST*)
  - All data fields are supported
- Application lists
  - Use predefined application list for selection

Control Statements

```
*  SEARCH CRITERIA
   ADID=TEST*


*  ACTION PARAMETER
   RECORD=ADCOM
   ACTION=MODIFY


*  UPDATE PARAMETER
   NEWADID=PROD*
```

Select Applications, Operations, Special Resources ...

Select the desired action

Specify new values for the selected objects

Some examples

The following three examples show you the capabilities of IWS/BatchAD:

- Change key values like Application Id by keeping references (Successors, OI, ETT)

- Delete Operations by keeping internal and external dependencies

- Copy Applications, Operations, Calendars etc. from from Test to Production

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Example (1)

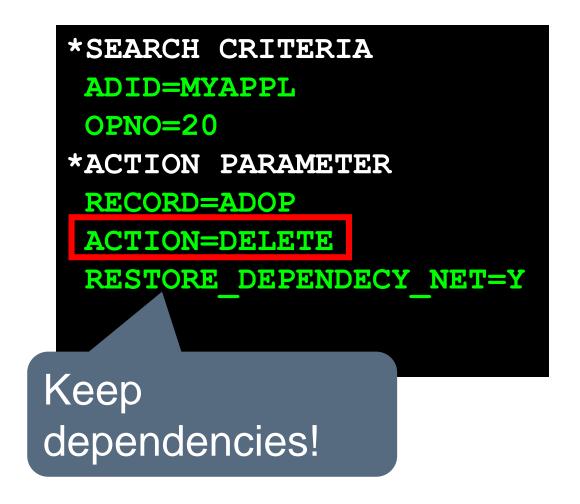Change Operation No:

```
*  SEARCH CRITERIA
   ADID=M*APPL*
   OPNO=99
*  ACTION
PARAMETER
   RECORD=ADOP
   ACTION=MODIFY
*  UPDATE
PARAMETER
   NEWOPNO=255
```
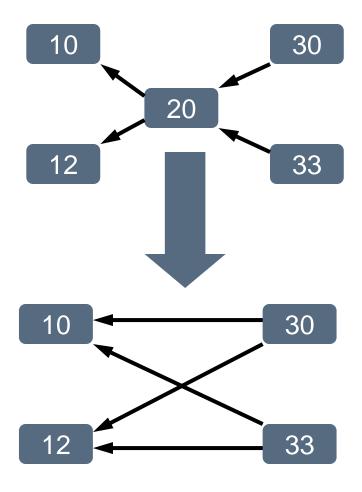
```
*  SEARCH CRITERIA
   PREADID=M*APPL*
   PREOPNO=99
*  ACTION
PARAMETER
   RECORD=ADDEP
   ACTION=MODIFY
*  UPDATE
PARAMETER
   NEWPREOPNO=255
```

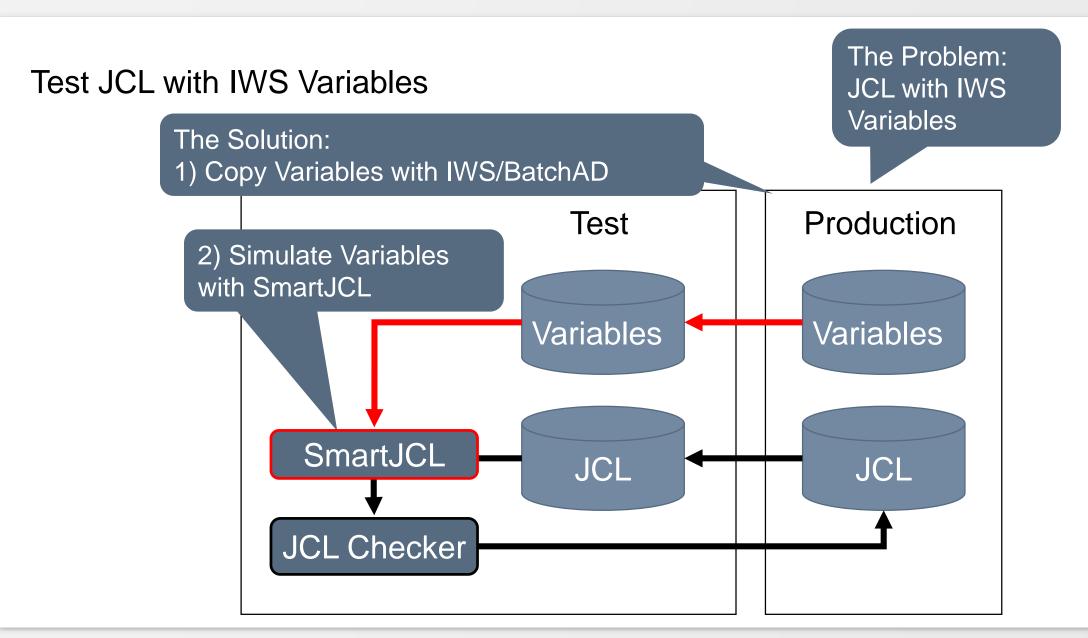Automatically: Change the Operation No. in predecessor definitions of all successors!

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Example (2)

Delete Operations:

```
*SEARCH CRITERIA
 ADID=MYAPPL
 OPNO=20
*ACTION PARAMETER
 RECORD=ADOP
 ACTION=DELETE
 RESTORE_DEPENDECY_NET=Y
```
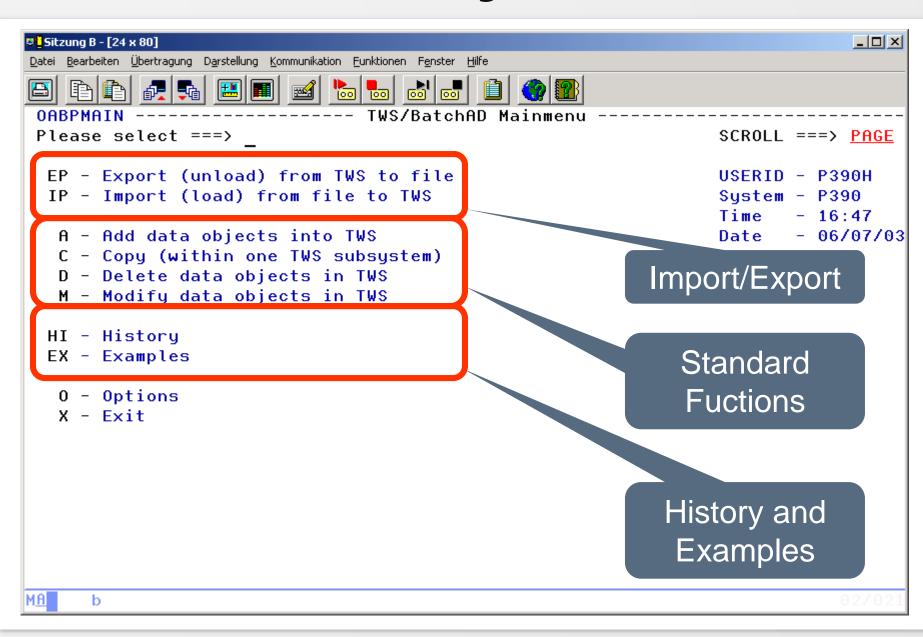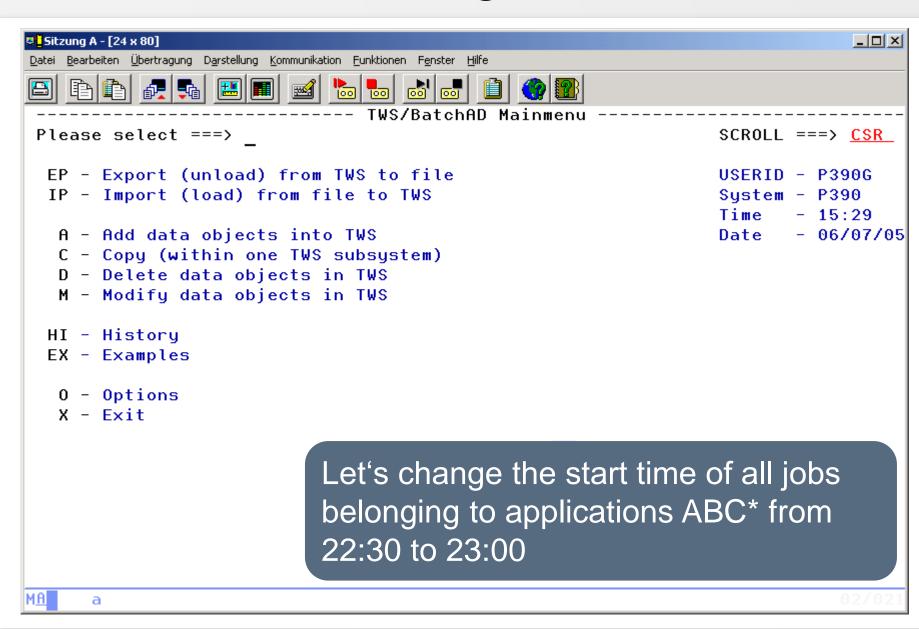
Keep dependencies!

Example (3)

IWS/BatchAD

IWS/BatchAD has an ISPF dialog.

- Makes it easier to generate IWS/BatchAD control cards
- Samples and templates are available online
- Integrated history function to access control cards that where generated previousely
- GA Q3 2006
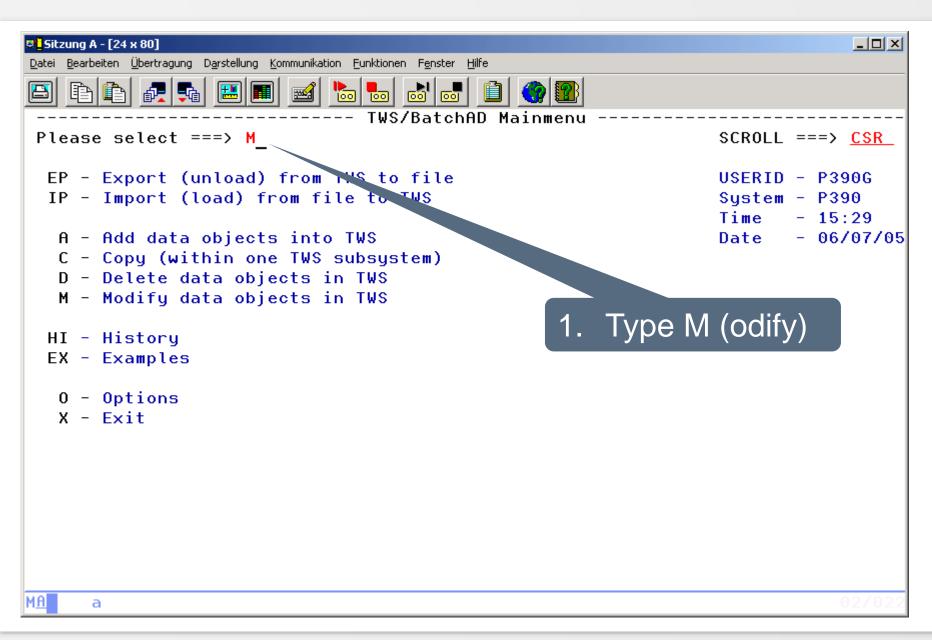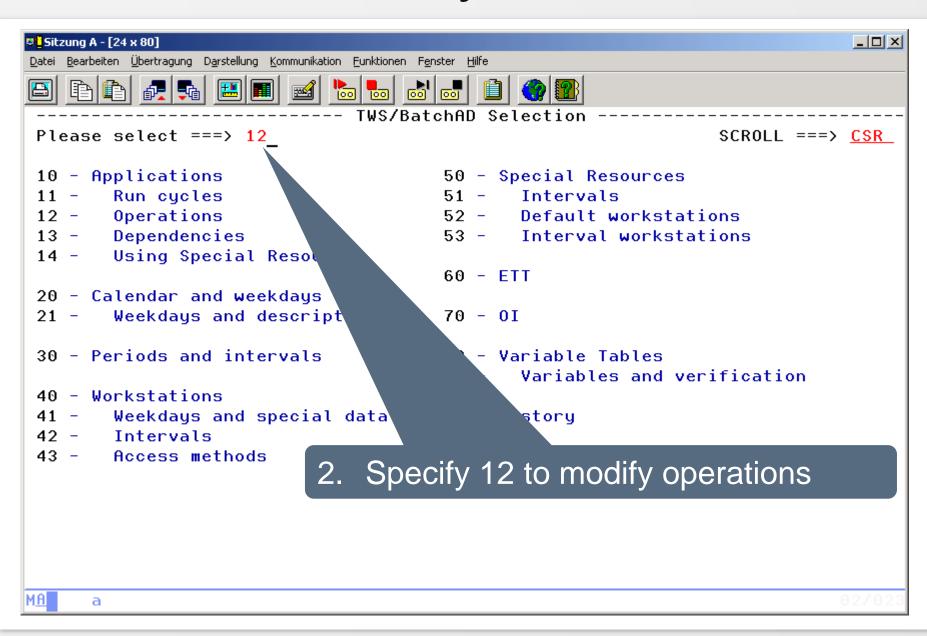
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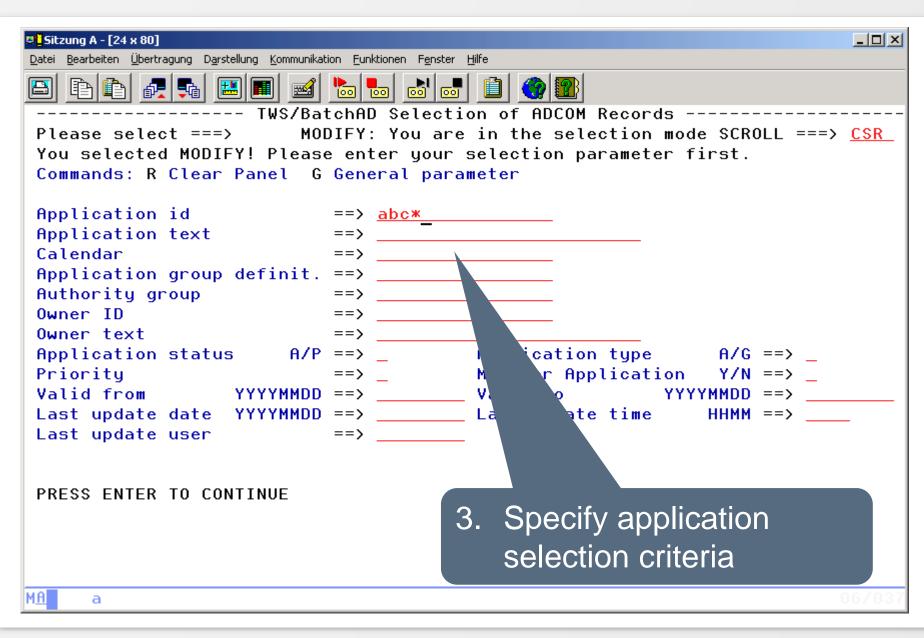
IWS/BatchAD – ISPF Dialog

IWS/BatchAD – ISPF Dialog

IWS/BatchAD - MainMenu

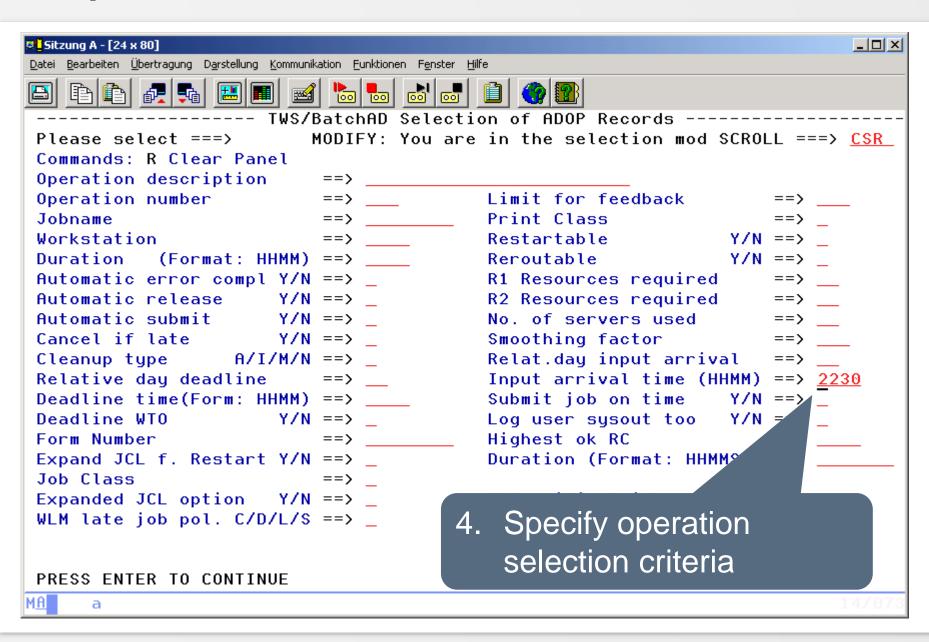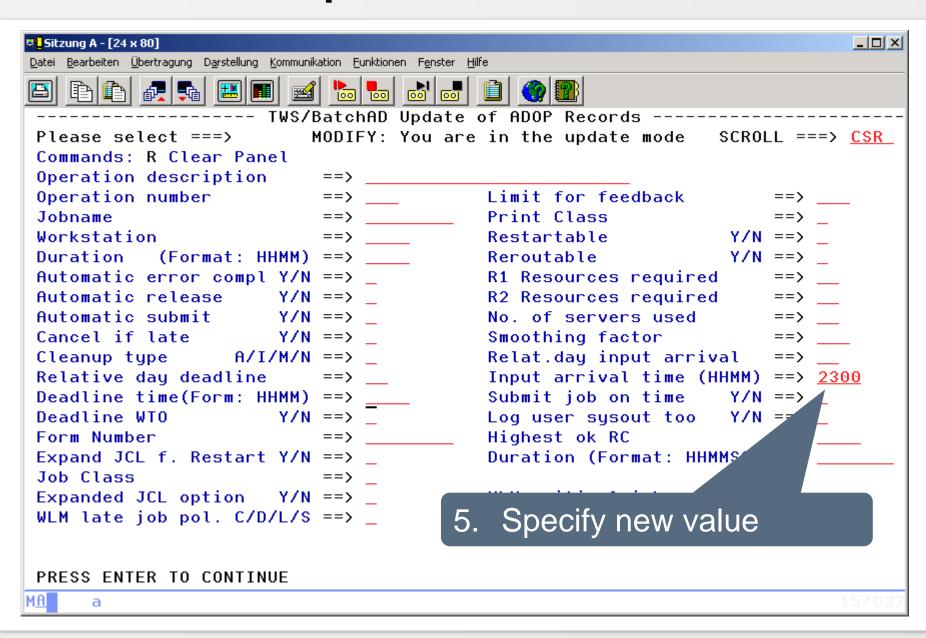# IWS/BatchAD - Select Object

2. Specify 12 to modify operations

IWS/BatchAD - Select ADCOM

3. Specify application selection criteria

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IWS/BatchAD - Select ADOP


```
-------------------- TWS/BatchAD Selection of ADOP Records --------------------
Please select ===>        MODIFY: You are in the selection mod SCROLL ===> CSR
Commands: R Clear Panel
Operation description    ==>  _____
Operation number         ==>  ____        Limit for feedback        ==>  ____
Jobname                  ==>  _____     Print Class               ==>  _
Workstation              ==>  ____         Restartable        Y/N ==>  _
Duration   (Format: HHMM) ==>  ____        Reroutable         Y/N ==>  _
Automatic error compl Y/N ==>  _           R1 Resources required     ==>  __
Automatic release     Y/N ==>  _           R2 Resources required     ==>  __
Automatic submit      Y/N ==>  _           No. of servers used       ==>  __
Cancel if late        Y/N ==>  _           Smoothing factor          ==>  ___
Cleanup type      A/I/M/N ==>  _           Relat.day input arrival   ==>  __
Relative day deadline    ==>  __           Input arrival time (HHMM) ==>  2230
Deadline time(Form: HHMM) ==>  ____        Submit job on time  Y/N ==>  _
Deadline WTO          Y/N ==>  _           Log user sysout too  Y/N =  _
Form Number              ==>  _____     Highest ok RC                  ____
Expand JCL f. Restart Y/N ==>  _           Duration (Format: HHMMS        _____
Job Class                ==>  _
Expanded JCL option   Y/N ==>  _
WLM late job pol. C/D/L/S ==>  _



PRESS ENTER TO CONTINUE
```

> 4. Specify operation selection criteria

IWS/BatchAD - Update ADOP

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IWS/BatchAD - Batchjob

6. IWS/BatchAD Control Cards

IWS/BatchAD – Examples

Examples allows you to access standard control cards easily

IWS/BatchAD – Examples

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IWS/BatchAD – Examples


```
Sitzung A - [24 x 80]

Datei  Bearbeiten  Übertragung  Darstellung  Kommunikation  Funktionen  Fenster  Hilfe

   Menu    Utilities   Compilers   Help
  _____

 BROWSE     P390G.OAB.PROF(OABTEMP1)              Line 00000000 Col 001 080
 Command ===> _                                    Scroll ===> CSR
 ********************************** Top of Data **********************************
 * General parameter
   WRITE_CD_BEFORE=Y
   WRITE_CD_AFTER=Y
 * Selection criteria
   ADID=MYAPPL1
   ADRPER=MYRUNPERIODE
   OUTOFEFFEKT<MYDATE
   RECORD=ADRUN
   ACTION=DELETE

 ***************************** Bottom of Data ************************************
```

IWS/BatchAD control cards

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IWS/BatchAD vs. BatchLoader (1)

	IWS/BatchAD	BatchLoader
Comparison Operators	Yes	The Batchloader utility of IWS allows to create new Applications, or to update existing Applications, but it does not create Batchloader statements based on existing Applications
Selection Criteria	All fields	
Selection by List	Yes	
Modify all fields	Yes	

IWS/BatchAD vs. BatchLoader (2)

	IWS/BatchAD	BatchLoader
Modify, Insert, Delete: • **Workstation** • **Calendar** • **Period** • **Special Resource** • **ETT, OI** • **Variables**	Yes	No

IWS/BatchAD vs. BatchLoader (3)

	IWS/BatchAD	BatchLoader
"Batchloader"	Yes, for all Data!	Only for Apps and OI
	Extended Batchloader	IWS Batchloader
Pending Applications	Yes	No
Export of all Data	Yes	No
Size limitations	No	Yes, APP < 32K

IWS/BatchAD vs. BatchLoader (4)

	IWS/BatchAD	BatchLoader
Import	Yes, for all Data!	Only AD + OI
Readable Format	Yes	Yes

Special Functions		
Simulation	Yes	No
Sort Operations	Yes	No
Generic Update	Yes	No

Thanks for your attention! Do you have any questions?

Please feel free to visit us in Munich or send an email to
info@horizont-it.com