

Empower Software Introduces
UndoIT 2.0
The Ultimate Audit and Archiving Tool



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In today's fast-paced, high transaction world, there has never been a greater need for instantaneous and transparent archiving for the iSeries and AS/400.

In this highly demanding era, the time it takes to restore from backups simply isn't acceptable. Time delays and data re-entry can be costly. Files, data areas, job descriptions and other misc. objects that are accidentally changed, deleted, lost, etc. in many cases can never be properly restored.

UndoIT was introduced with much excitement during the 1999 COMMON Expo in cooperation with Prodata Computer Systems, makers of DBU. The response was overwhelming. In fact, *iSeries Magazine* gave **UndoIT** a rating of 3.7/4.0. Now **UndoIT 2.0** extends the original "undo" capabilities with more supported commands and real-time "snapshot" archiving.

Introducing **UndoIT 2.0**:

- Undo more AS400 commands than ever before! See chart for complete listing.
- Use the new Snapshot feature to capture objects and/or object attributes prior to the execution of certain commands.
- Access the history of an object including snapshot archives, attributes, and other logging information.

Undo Commands?

That's right! **UndoIT** actually allows you to undo the actions of many IBM QSYS commands such as RMVM, DLTF, RNMOBJ, MOVOBJ, ADDLIB, and many other popular commands.

- No new commands to learn.
- No program modifications necessary.
- Simply type "UNDO" on any command line and choose which previously entered command you wish to undo.

What is "Snapshot" archiving?

An object (file, program, data area, job description, etc.) and/or its attributes are captured prior to the execution of certain commands and stored in the archives for later research and retrieval. This occurs in real time, instantly and transparently to the user. See "Snapshot Spotlight" for more details.

Snapshot Spotlight

Knowledge is a Powerful Thing:

Do you know WHO?

- Do you know who changed the data area, job description, file attributes, etc.?
- Do you know who deleted the file, program, module, data area, command, etc.?
- Do you know who modified the library list, job attributes, etc.?
- Would you like to know who?

Do you know WHAT?

- Do you know what the attributes and values were PRIOR TO the data area, job description, file, program, etc. being changed?
- Do you know what the object attributes and contents were PRIOR TO the file, program, command, etc. being deleted?
- Would you like the capability to view and/or restore the objects and their attributes?

Do you know WHEN?

- Do you know when the object and attribute changes and deletions took place? Was it prior to yesterday's data entry? Was it after the last backup?
- Would you like to know when?

YOU CAN ... in about 10 minutes

- You can install **UndoIT** and have the answers to these questions and many more in just a matter of minutes.
- It is completely transparent, with no special commands to learn (it seamlessly tracks the usage of IBM's QSYS commands).

```
Type command, press \
==> UNDO
```

Simply type "UNDO" on any command line.

Have you experienced the Power?

UndoIT 2.0

Listing of supported commands in **UndoIT 2.0**:

Command	Logging	Snapshot	Undo	Command	Logging	Snapshot	Undo
ADDLIBLE	✓		✓	CRTJOBQ	✓		✓
CHGCMD	✓	✓		CRTMSGF	✓		✓
CHGDSPF	✓	✓		CRTPF	✓		✓
CHGDTAARA	✓	✓		CRTSAVF	✓		✓
CHGJOB	✓	✓		DLTCMD	✓	✓	✓
CHGJOB	✓	✓		DLTDTAARA	✓	✓	✓
CHGLF	✓	✓		DLTDTAQ	✓	✓	✓
CHGLFM	✓	✓		DLTF	✓	✓	✓
CHGLIBL	✓	✓		DLTJOB	✓	✓	✓
CHGPF	✓	✓		DLTMOD	✓	✓	✓
CHGPFM	✓	✓		DLTMSGF	✓	✓	✓
CHGPGM	✓	✓		DLTOUTQ	✓	✓	✓
CHGPRF	✓	✓		DLTPGM	✓	✓	✓
CHGPRTF	✓	✓		DLTQRY	✓	✓	✓
CHGSAVF	✓	✓		DLTSRVPGM	✓	✓	✓
CHGSRCPF	✓	✓		MOVOBJ	✓		✓
CLRPFM	✓	✓		RMVLIBLE	✓		✓
CPYF	✓	✓		RMVM	✓	✓	✓
CRTDTAARA	✓		✓	RNMM	✓		✓
CRTDTAQ	✓		✓	RNMOBJ	✓		✓

New Commands

- EMPOWER • Access all **UndoIT** Administration Functions
- UNDO • Select which previously entered command to undo.
- WRKOBJHST • Displays the history of an object including changes, deletions, etc.

Object History

Now there is a new way of quickly looking at objects - Object history. The WRKOBJHST command allows users to enter the name of an object (file, program, data area, etc.) which MAY or MAY NOT currently exist on the system, and the user can see the history of the object. The history of an object may include:

- Creation Information - Who, when, original attributes, etc.
- Move, Rename, Delete and Change Information.
- Snapshot - An actual copy of the object and/or a copy of its original attributes is stored for reference and retrieval.
- Command Usage - Each supported **UndoIT** command is logged, and if applicable, a snapshot is recorded.

Users can use this history information to answer many of the questions that have puzzled administrators for years: Who changed the object? What were the original attributes, etc.? Experience the power of object history today!

"I have been looking at your UNDO product and I am impressed."

- Allen Hartley, Founder of Prodata Computers and creator of DBU

"It would be worth your time to download the 30-day trial version and kick the tires. The company has a nice product for shops that need this kind of realtime recovery potential."

- Don Rima, iSeries Magazine

3.7 of 4.0

iSeries Magazine

Administration and Disk Usage

UndoIT is fully optimized to maximize disk space whenever and where ever possible. In addition, **UndoIT** incorporates an automatic Archive Cleanup feature. **UndoIT** can be configured by system, user or command to retain archives for as little as 1 hour up to 999 days. The Archive Cleanup feature will automatically purge all "expired objects". Once configured, there is no ongoing administration required.

UndoIT Administration functions include:

- Command Activation - Choose which commands to archive and the level of archiving (log, snapshot, undo).
- User Setup - Choose which commands the user is authorized to. Set up administrators and assign functions.

Download your FREE no obligation trial TODAY from our website!

