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Carsten's Corner: New Systems Management Commands and Utilities Collection

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Back in 2008 I wrote an article collecting all the utilities I had created for the Systems Management Newsletter in the preceding four years. Despite the fact that it definitely feels no more than one, now three more years have passed. I thought I'd take this as an opportunity to look back at the systems management utilities presented since the last time I settled the scoreboard. If you're interested in my previous collection, please follow the link at the end of this article. As for now, please allow me to take you yet another walk down memory lane.

ADDUSRQRYA (Add User Query Attributes) - July 16, 2008

The Add User Query Attributes (ADDUSRQRYA) command adds user query attributes to the specified user profile. The specified user query attributes can later be applied to jobs run by the user profile.

CHGUSRQRYA (Change User Query Attributes)

The Add User Query Attributes (ADDUSRQRYA) command allows you to change the user query attributes for the specified user profile.

RMVUSRQRYA (Remove User Query Attributes)

The Remove User Query Attributes (RMVUSRQRYA) command enables you to remove the user query attributes specified for any user profile.

systeminetwork.com/article/systems-management/query-governor-control-system-for-v5r4-61981

Process Object Locks (PRCOBJLCK) - August 6, 2008

The Process Object Locks (PRCOBJLCK) command identifies all jobs currently holding a lock for the specified object and for each job either sends a break message or ends the job. The break message is sent to the job holding the lock or optionally to all jobs currently running under the user profile of the job holding the lock.

systeminetwork.com/article/systems-management/easily-respond-to-object-and-record-lock-events--62115

Work with User Query Attributes (WRKUSRQRYA) - August 20, 2008

The Work with User Query Attributes (WRKUSRQRYA) command allows you to work with user query attributes for a specific user profile or a list of user profiles.

systeminetwork.com/article/systems-management/expanding-on-the-query-governor-control-system-for-v5r4-62200

Set User Query Attributes (SETUSRQRYA) - September 17, 2008

The Set User Query Attributes (SETUSRQRYA) command runs the Change Query Attributes (CHGQRYA) command in the current job specifying the query attributes defined for the current user

by the Add User Query Attributes (ADDUSRQRYA) or Change User Query Attributes (CHGUSRQRYA) commands.

systeminetwork.com/article/systems-management/the-query-attributes-suite-finale-set-user-query-attributes-62362

Print Journal Report (PRTJNRPT) - October 15, 2008

The Print Journal Report (PRTJNRPT) command produces a list of objects whose current journal status corresponds to the specified report type.

systeminetwork.com/article/systems-management/what-exactly-are-you-journaling-62581

Work with Output Queue Authority (WRKOUTQAUT) - November 19, 2008

The Work with Output Queue Authorities (WRKOUTQAUT) command displays the selected users' authority to the specified output queue as well as the authority to the spooled files on that output queue. The panel list also specifies the source of authority and provides information about the user profile's special authorities and group profiles.

systeminetwork.com/article/systems-management/secure-sensitive-reports-with-output-queue-authority-by-user---62819

Remove Pending Job Log (RMVPNDJOBL) - January 7, 2009

The Remove Pending Job Log (RMVPNDJOBL) command changes a completed job whose job log has not yet been written. The job messages are removed. The job log can no longer be produced or displayed.

systeminetwork.com/article/systems-management/joblogs-explained-cleaning-up-pending-job-logs-using-rmvpndjobl--63040

Work with Server Sessions (WRKSVRSSN) - March 18, 2009

The Work with Server Sessions (WRKSVRSSN) command allows you to work with all currently active NetServer sessions.

End Server Session (ENDSVRSSN)

The End Server Session (ENDSVRSSN) command ends a single session or all the sessions that were established from the specified workstation.

systeminetwork.com/article/systems-management/new-commands---work-with-netserver-sessions--end-netserver-session-63451

Print Password Audit Report (PRTPWDAUD) - May 20, 2009

The Print Password Audit Report (PRTPWDAUD) command creates a report showing the password changes meeting the selection criteria specified. The report is based on the User Profile Changes ('CP') system audit journal entries found in the QAUDJRN system audit journal.

systeminetwork.com/article/systems-management/the-custom-command--prtpwdaudprint-password-audit-report--63750

Retrieve Query Attributes (RTVQRYA) - July 15, 2009

The Retrieve Query Attributes (RTVQRYA) command retrieves the attributes for database queries and database file keyed access path builds, rebuilds, and maintenance that are run in a job. Database queries include the open of a SQL view and the running of SQL data manipulation statements.

systeminetwork.com/article/systems-management/the-new-retrieve-query-attributes-command-63986

Update User Auditing (UPDUSRAUD) - September 2, 2009

The Update User Auditing (UPDUSRAUD) command allows you to set up or change auditing for a user profile based on the current audit settings applied to that user profile.

systeminetwork.com/article/systems-management/update-user-audit-values-using-the-updusraud-command-64203

Add User Auditing (ADDUSRAUD) - October 7, 2009

The Add User Auditing (ADDUSRAUD) command allows you to add one or more user action auditing values to a selection of user profiles defined by either a user profile name, a generic user profile name or the special value *ALL, causing all user profiles on the system to be selected.

Remove User Auditing (RMVUSRAUD)

The Remove User Auditing (RMVUSRAUD) command allows you to remove one or more user action auditing values from a selection of user profiles defined by either a user profile name, a generic user profile name or the special value *ALL, causing all user profiles on the system to be selected.

systeminetwork.com/article/systems-management/user-auditing-made-easier-with-addusraud-and-rmvusraud-commands--64356

Check PTF Status (CHKPTFSTS) - October 21, 2009

The Check PTF Status command (CHKPTFSTS) locates all PTFs having the specified current status. All installed products are searched unless you specify the optional Select product (SELECT) parameter.

systeminetwork.com/article/systems-management/chkptfstst-check-ptf-status---enhanced-for-performance-64431

Work with Query Profile Opts (WRKQRYPRFO) - December 16, 2009

The Work with Query Profile Options (WRKQRYPRFO) command allows you to work with all currently configured query profile options data areas which are named QQUPRFOPTS.

systeminetwork.com/article/systems-management/carstens-corner-working-with-query400-profile-options-data-areas-64656

Work Job Queue Entries (WRKJOBQE) - March 3, 2010

The Work with Job Queue Entries (WRKJOBQE) command allows you to monitor activity in, and work with, all job queues currently allocated to the specified subsystem, but only if that subsystem is currently active. For inactive subsystems, no job queues are listed.

Work with Routing Entries (WRKRTGE)

The Work with Routing Entries (WRKRTGE) command allows you to work with all routing entries defined for the specified subsystem.

systeminetwork.com/article/systems-management/carstens-corner---new-subsystem-entry-commands---part-one-64960

Work with Prestart Job Entries (WRKPJE) - April 7, 2010

The Work with Prestart Job Entries (WRKPJE) command allows you to work with all prestart job entries defined for the specified subsystem.

Work with Autostart Job Entrys (WRKAJE)

The Work with Autostart Job Entries (WRKAJE) command allows you to work with all autostart job entries defined for the specified subsystem.

Submit Job Description Job (SBMJOBJOB)

The Submit Job Description Job (SBMJOBJOB) command submits a job based on the job attributes and job information defined in the specified job description.

systeminetwork.com/article/systems-management/carstens-corner---new-subsystem-entry-commands---part-two-65063

Work with Communication Entrs (WRKCMNE) - May 5, 2010

The Work with Communication Entries (WRKCMNE) command allows you to work with all communication entries defined for the specified subsystem.

Work with Work Station Entries (WRKWSE)

The Work with Work Station Entries (WRKWSE) command allows you to work with all work station entries defined for the specified subsystem.

systeminetwork.com/article/systems-management/carstens-corner---new-subsystem-entry-commands---part-3-65141

Work with Subsystem Entries (WRKSBSE) - May 19, 2010

The Work with Subsystem Entries (WRKSBSE) command allows you to work with the routing entries, autostart job entries, prestart job entries, job queue entries of each of the list subsystem descriptions.

systeminetwork.com/article/systems-management/carstens-corner---new-subsystem-entry-commands---part-4-65185

Work with Remote Output Queues (WRKRMTOUTQ) - July 21, 2010

The Work with Remote Output Queues (WRKRMTOUTQ) command allows you to work with a list of all or a subset of remote output queues configured on the system. A remote output queue is in the context of this command confined to output queues configured with a connection type of TCP/IP network. The status of the remote output queues and associated writers may change while the command is running.

systeminetwork.com/article/systems-management/carstens-corner---new-work-with-remote-output-queue-command-65324

Work with Command Security (WRKCMDSEC) - August 18, 2010

The Work with Command Security (WRKCMDSEC) command allows you to create a list of commands including critical information about the commands in an audit and security context. Selection criteria enable you to narrow the list to areas of particular interest, and the command's output option parameter supports output to display, printed list as well as an output database file.

systeminetwork.com/article/security/carstens-corner---new-command---work-with-command-securitywrkcmdsec-65387

Add Spooled File Action (ADDSPLFACT) - September 15, 2010

The Add Spooled File Action (ADDSPLFACT) command adds the specified spooled file action to the QIBM_QSP_SPLF_LSTACT exit point.

Remove Spooled File Action (RMVSPLFACT)

The Remove Spooled File Action (RMVSPLFACT) command removes the specified spooled file action exit program number from the spooled file action exit point QIBM_QSP_SPLF_LSTACT.

Work with Spooled File Action (WRKSPLFACT)

The Work with Spooled File Actions (WRKSPLFACT) command lists all exit programs registered to the Spooled File Action Exit Point QIBM_QSP_SPLF_LSTACT.

systeminetwork.com/article/systems-management/carstens-corner---customizing-spooled-file-panels-with-spooled-file-actions-65455

List PTF Groups (LSTPTFGRP) - October 20, 2010

The List PTF Groups (LSTPTFGRP) command produces an output file containing a list of all PTF groups registered on the system.

systeminetwork.com/article/systems-management/carstens-corner---new-command-to-list-ptf-groups--65540

Change Service Tools User ID (CHGSSTUSR) - December 1, 2010

The Change Service Tools User ID (CHGSSTUSR) command changes the ID name or the password (or both) for service tools user IDs.

systeminetwork.com/article/systems-management/carstens-corner-new-commandchange-service-tools-user-chgsstusr-65641

Submit Authority Reports (SBMAUTRPT) - January 19, 2011

The Submit Authority Reports (SBMAUTRPT) command submits either the Print Private Authorities (PRTPVTAUT) or the Print Public Authorities (PRTPUBAUT) command in a separate batch job, one for each object type present in the specified library.

systeminetwork.com/article/security/carstens-corner-ibm-sectools-and-the-submit-authority-reports-sbmautrpt-command-65720

Add Query Reference Info (ADDQRYREF) - February 16, 2011

The Add Query Reference Information (ADDQRYREF) command allows you to add the file level information to the query definition objects (*QRYDFN) that are migrated from a previous release to V6R1Mo. File level information is used by Display Program References (DSPPGMREF) command to display the files that are used on the query definition.

systeminetwork.com/article/databasesql/carstens-corner-ptf-delivers-add-query-reference-information-program-65779

List Job Schedule Entries (LSTJOBSCDE) - March 2, 2011

The List Job Schedule Entries (LSTJOBSCDE) command lists all selected job schedule entries to the specified output file.

systeminetwork.com/article/systems-management/carstens-corner-list-job-schedule-entries-to-an-output-file-65797

Update Job Schedule Entries (UPDJOBSCDE) - April 6, 2011

The Update Job Schedule Entries (UPDJOBSCDE) command adds job schedule entries stored in an output file produced by the List Job Schedule Entries (LSTJOBSCDE) command to the system default job scheduler QDFTJOBSCD in library QUSRSYS.

systeminetwork.com/article/systems-management/carstens-corner-merge-migrate-or-copy-job-schedule-entries-between-systems--65880

Compare Object Authority (CMPOBJAUT) - May 18, 2011

The Compare Object Authority (CMPOBJAUT) command compares the authority properties of the specified object against those of the specified reference object. The displayed list shows all the authority properties that are involved in the comparison, and allows you to run a number of object authority related commands using function keys.

systeminetwork.com/article/security/carstens-corner-new-utility-to-compare-object-authority-65982

Work with Object Authority (WRKOBJAUT) - June 15, 2011

The Work with Object Authority (WRKOBJAUT) command enables you to list a range of objects in a given library based on the specified selection criteria as well as an object security information comparison performed for each selected object against the corresponding object in the specified reference library.

systeminetwork.com/article/security/carstens-corner-compare-object-authority-for-a-group-of-objects-66024

Display IOA Cache Battery Status (DSPCCBSTS) - August 3, 2011

The Display IOA Cache Battery Status (DSPCCBSTS) command lets you create a spooled file containing the cache battery information for the IBM i partition where the command is run. The abbreviation IOA stands for I/O Adapter.

systeminetwork.com/article/systems-management/carstens-corner-ptfs-and-new-command-enable-display-of-ioa-cache-battery-status-66117

Work with DB Server Jobs (WRKDBSJOB) - September 7, 2011

The Work with DB Server Jobs (WRKDBSJOB) command allows you to work with a list of data base server jobs on the system. The DB server jobs include type *SQL, *DDM and *DB server jobs.

systeminetwork.com/article/databasesql/carstens-corner-new-work-with-database-server-jobs-command-66174

Print Registered Exit Programs (PRTREGEXIT) - October 5, 2011

The Print Registered Exit Programs (PRTREGEXIT) command produces a list of all exit points currently having one or more exit programs registered. For each exit point all registered exit programs and a number of the exit programs' attributes are listed.

systeminetwork.com/article/security/carstens-corner-analyzing-registered-exit-programs-prtregeexit-revisited-66232

Copy User Authority (CPYUSRAUT) - October 19, 2011

The Copy User Authority (CPYUSRAUT) command retrieves the reference user's authority to the reference object and grants the specified user the same private authority to the specified object or group of objects.

Start Program Adoption (STRPGMADP)

The Start Program Adoption (STRPGMADP) command changes the specified program or service program to adopt the program owner's authority when running. The change is performed by setting the program's User profile (USRPRF) attribute to USRPRF(*OWNER).

systeminetwork.com/article/security/carstens-corner-copy-user-authority-and-start-program-adoption-commands-66268

Update Object Authority (UPDOBJAUT) - November 17, 2011

The Update Object Authority (UPDOBJAUT) command allows you to change all or some of the following object authority related information or the specified object, based on the corresponding information associated with the reference object: Object ownership, object primary group profile, authorization list securing object as well as all private object authorities.

systeminetwork.com/article/systems-management/carstens-corner-update-object-authority-attributes-single-step-698503

Epilogue

If you have any ideas or suggestions for new systems management utilities that you would like to see me cover in the future, please leave me a note at: Flensburg@novasol.dk

Related articles:

The Story So Far: My Systems Management Commands and Utilities

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