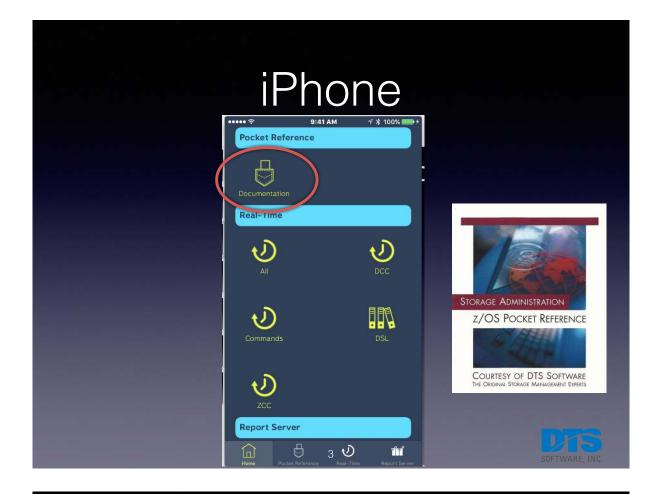


| | iPad | | | | | |
|---------|-------------|--------------------------------|----------------------------|--------------------------|--|--|
| ····· ? | t Reference | 9:41 AM | | œ ∦ 100% ==> + | | |
| | entation | | | | | |
| | D DCC | Commands DSL | ∂ _{ZCC} | | | |
| P | | | | | | |
| | | Rome Pocket Reference Real-Tra | ne Report Server | | | |



Pocket Reference

Back

Miscellaneous

FDRABR Information

TSO Commands for DFSMShsm

Useful Console Commands

RACF Information

VSAM / IDCAMS Information

SYS1.PARMLIB members

APAR Status Code

APAR Resolution Codes

PTF Closing Codes

General Purpose Register

Julian Perpetual Calendar - Non-Leap Years

EBCDIC-to-Hex Character Conversion Chart

Julian Perpetual Calendar – Leap Years

 TSO COMMAANDS FOR DFSMSHSM

 Recall a Migrated Dataset

 HRECALL(dsn) WAIT | NOWAIT EXTENDRC

 VOLUME(volser) UNIT(type)

 DAOPTION(SAMETRK | RELTRK | RELBLK)

 Recover a Dataset From Backup

 HRECALE(dsn) GENERATION(nnnn) NEWNAME(newn)

 REPLACE WAIT[NOWAIT EXTENDRC

 DATE(date) TIME(time) VERSION(nnnn) FROMVOLUME(vol)

 TOVOLUME(vol) UNIT(type)

 DAOPTION(SAMETRK | RELTRK | RELBLK)

 List BCDS and MCDS Information

 HLIST BVOL(volser) PVOL/MVOL/ML11ML2<(DASD[TAPE)>

 VOLUME(volser) BCDS | MCDS | BOTH

 HLIST DSNAME(dsn)|LEVEL(qual)

 BCDS[MCDS]BOTH

 SUMMARY

SUMMARY INCLUDEPRIMARY SELECT(AGE(min,max)) (ML1|ML2) (VOLUME(volser)) RETAINDAYS



9:41 AM TSO Commands for DFSN

Real-Time Commands

| ••••• ? | 9:41 AM | œ ‡ 100% === + |
|--------------------------|---|-----------------------|
| Pocket Reference | | |
| A | | |
| Documentation | | |
| Real-Time | | |
| | <u>୬</u> ଲ ୬ | |
| All DCC Report Server | Commands DSL ZCC | |
| | | |
| DTS | | |
| | | |
| | | |
| | | |
| | | |
| | Home Pocket Reference Real-Time Report Server | |
| | 5 | SOFTWARE, II |

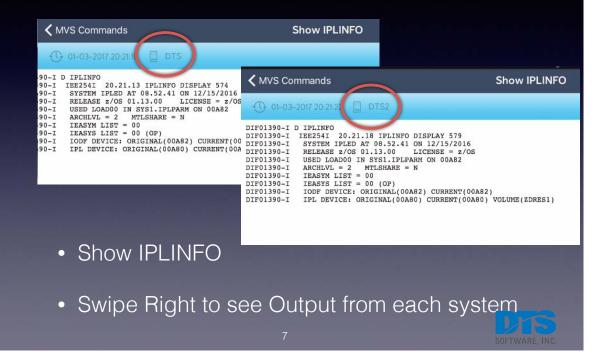
System Definition

| Systems | 〈 Commands |
|-----------------------------------|-------------------|
| Load | DTS DTS2 |
| EMC Scripts | |
| DLM Library | |
| DLM VTE | |
| DIF Commands | |
| Define Multip | le Systems |
| Multi-system | commands |

| 〈 Systems | |
|------------------|-----------------------|
| GENERAL | |
| Description: | DTS |
| TCPIP | |
| IP Address | mail1.dtssoftware.com |
| Port | 1012 |
| USER | |
| Userid | GUEST |
| Password | ••••• |
| Group | |
| REPORT SERVE | ER |
| IP | sccdemo.herokuapp.com |
| Userid | guest |
| Password | |

SOFTWARE, INC.

System Definition



| DAS | D Reporting |
|--------------------|------------------------------------|
| Systems | Commands Systems D |
| DSL | |
| DSNAME | DISK Pool Space Usage |
| Catalog | DISK Pool Space Usage (quick-view) |
| Datasets on Volume | BAR Chart of Pool Free Space |
| Dataset | GAGE Chart of Pool Free Space |
| DASD | DISK Pool Volume Info |
| SMS | |
| MVS Commands | |

DASD Reporting

| POOL | FREE % | RESP TIME | TOTAL CYL | TOTAL TRK | FREE CYL | FREE TRK |
|----------|--------|-----------|-----------|-----------|----------|-----------|
| DBCLASS | 34 | 3,000 | 6,678 | 100,170 | 2,262 | 34,038 |
| STG1 | 16 | 3,000 | 10,017 | 150,255 | 1,551 | 23,313 |
| STG2 | 3 | 3,000 | 22,260 | 333,900 | 678 | 10,292 |
| NONSMSPL | 35 | 3,000 | 205,275 | 3,079,125 | 71,130 | 1,067,975 |
| STORPOOL | 59 | 3,000 | 6,678 | 100,170 | 3,940 | 59,427 |
| SYSPOOL | 79 | 3,000 | 3,339 | 50,085 | 2,636 | 39,561 |
| STGPOOL | 7 | 3,000 | 32,277 | 484,155 | 2,229 | 33,605 |
| | | | | | | |
| | | dt | | RAW | | |



DASD Reporting

| POOL | FREE % | RESP TIME | TOTAL CYL | TOTAL TRK | FREE CYL | FREE TRK |
|----------|--------|-------------|-----------|-----------|----------|-----------|
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| NONCHOPL | 35 | 3,000 | 205,275 | 3,079,125 | 71,130 | 1,067,975 |
| STORPOOL | 59 | 3,000 | 6,678 | 100,170 | 3,940 | 59,427 |
| STOPPOL | | ISK Pool Vo | 2,636 | 39,561 | | |
| STGPOOL | D | | 2,229 | 33,605 | | |

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DTS SOFTWARE, INC.

DASD Reporting

| STOR01 STORPOOL STORAGE 0ABB 1,113 424 38 11 98 YES STOR02 STORPOOL PRIVATE 0ABC 1,113 1,020 91 111 99 YES STOR04 STORPOOL STORAGE 0ABD 1,113 1,294 2.6 16 89 YES STOR03 STORPOOL PRIVATE 0ABE 1,113 1,101 99 6 3 YES STOR05 STORPOOL STORAGE 0ABF 2,226 1,101 49 32 132 YES | VOLSER | POOL | MNTYPE | UNITADDC | TOTAL CYL | FREE CYL | FREE % | EXTENTS | FRAG | VTO |
|--|--------|----------|---------|----------|-----------|----------|--------|---------|------|-----|
| STOR04STORPOOLSTORAGE0ABD1,113294261689YESSTOR03STORPOOLPRIVATE0ABE1,1131,1019963YESSTOR05STORPOOLSTORAGE0ABF2,2261,1014932132YES | TOR01 | STORPOOL | STORAGE | OABB | 1,113 | 424 | 38 | 11 | 98 | YES |
| STOR03 STORPOOL PRIVATE 0ABE 1,113 1,101 99 6 3 YES STOR05 STORPOOL STORAGE 0ABF 2,226 1,101 49 32 132 YES | STOR02 | STORPOOL | PRIVATE | 0ABC | 1,113 | 1,020 | 91 | 11 | 9 | YES |
| STOR05 STORPOOL STORAGE 0ABF 2,226 1,101 49 32 132 YES | TOR04 | STORPOOL | STORAGE | 0ABD | 1,113 | 294 | 26 | 16 | 89 | YES |
| | STOR03 | STORPOOL | PRIVATE | OABE | 1,113 | 1,101 | 99 | 6 | 3 | YES |
| | | | OTODIOT | 0.00 | | | 120 | 1000 | 100 | |
| | STOR05 | STORPOOL | | | 2,226 | (41) 10 | 49 | 32 | | |
| | STOR05 | STORPOOL | | | 2,226 | (41) 10 | 49 | 32 | | |
| | STOR05 | STORPOOL | | | 2,226 | (41) 10 | 49 | 32 | | |



DASD Reporting

| VOLSER POOL MNTYPE UNITADDC TOTAL CYL FREE (YL FREE (YL <th></th> | | | | | | | | | | |
|---|--------|----------|---------|----------|-----------|----------|--------|---------|-----|-----|
| STORO2 STORPOOL PRIVATE OABC 1,113 1,020 91 11 9 YES STOR04 STORPOOL STORAGE OABD 1,113 1,020 91 11 9 YES STOR04 STORPOOL STORAGE OABD 1,113 294 26 16 89 YES STOR05 STORPOOL PRIVATE OABE 1,113 1,101 99 6 3 YES STOR05 STORPOOL STORAGE OABF 2,226 1,101 49 32 132 YES | VOLSER | POOL | MNTYPE | UNITADDC | TOTAL CYL | FREE CYL | FREE % | EXTENTS | | |
| STOR04 STORPOOL STORAGE 0ABD 1,113 294 26 16 89 YES STOR03 STORPOOL PRIVATE 0ABE 1,113 1,101 99 6 3 YES STOR05 STORPOOL STORAGE 0ABF 2,226 1,101 49 32 132 YES | STOR01 | STORPOOL | STORAGE | OABB | 1,113 | 424 | 38 | 11 | 98 | YES |
| STOR03 STORPOOL PRIVATE 0ABE 1,113 1,101 99 6 3 YES STOR05 STORPOOL STORAGE 0ABF 2,226 1,101 49 32 132 YES Datasets on Volume MVS Volume Status Image: Constraint of the status | STOR02 | STORPOOL | PRIVATE | OABC | 1,113 | 1,020 | 91 | 11 | 9 | YES |
| STORDO STORPOOL STORAGE DABF 2,226 1,101 49 32 132 YES Datasets on Volume MVS Volume Status | STOR04 | STORPOOL | STORAGE | 0ABD | 1,113 | 294 | 26 | 16 | 89 | YES |
| Datasets on Volume MVS Volume Status | STOD03 | STORPOOL | PRIVATE | OABE | 1,113 | 1,101 | 99 | 6 | 3 | YES |
| MVS Volume Status | STOR05 | STORPOOL | STORAGE | OABF | 2,226 | 1,101 | 49 | 32 | 132 | YES |
| | | _ | | | | | | | l | þ |
| | | | | | | | | | | |

| DISK Poo | ol Space U | | DA | | DISK Poo | | | Dr | t | ing |
|----------|--------------|---------|--------------------------|---|--|--|--|-------------------------|-------------------|---|
| ₲ 02-03- | 2017 09:42:1 | 12 🔲 DT | rs | | | | | | | |
| VOLSER | POOL | MNTYPE | UNITADDC | TOTAL CYL | FREE CYL | FREE % | EXTENTS | FRAG | VTO | |
| STOR01 | STORPOOL | STORAGE | OABB | 1,113 | 424 | 38 | 11 | 98 | YES | |
| STOR02 | STORPOOL | PRIVATE | OABC | 1,113 | 1,020 | 91 | 11 | 9 | YES | |
| STOR04 | STORPOOL | STORAGE | 0ABD | 1,113 | 294 | 26 | 16 | 89 | YES | |
| STOP03 | STORPOOL | PRIVATE | OABE | 1,113 | 1,101 | 99 | 6 | 3 | YES | |
| STOR05 | STORPOOL | STORAGE | 0ABF | 2,226 | 1,101 | 49 | 32 | 132 | YES | |
| | | | Volume Sta Volume Sta | CONSK Poo | | | | ĺ | b | MVS Volume Status |
| | | | | 02-03 DIF01390-I DIF01390-I DIF01390-I DIF01390-I DIF01390-I DIF01390-I | IEE459I 0 UNIT VOL 00ABF STO **** | OL=STOR0 9.47.18 SER SCUT R05 3990 1 DEVIC | 5 DEVSERV QD YPE DEVTYP 0C2 <u>339000</u> E(S) MET T | E <u>6</u> HE SEL | CY 222 ECTI | L SSID SCU-SERIAL DEV-SERIAL EFC 6 0AA0 XXZZ-00001 *INVALID* BYP 0N CRITERIA FUNCTION CHECKING |

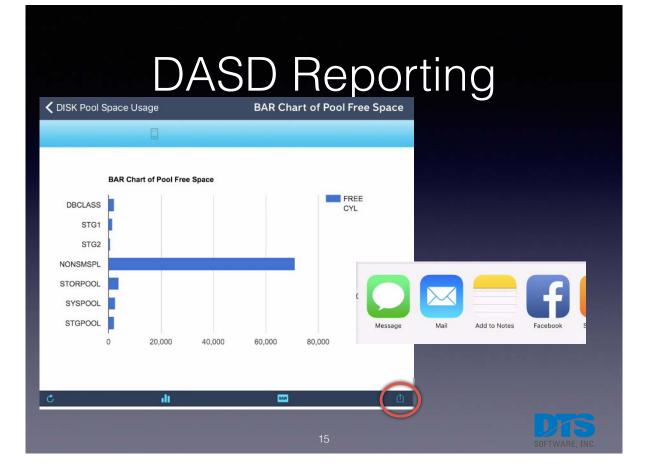
DASD Reporting

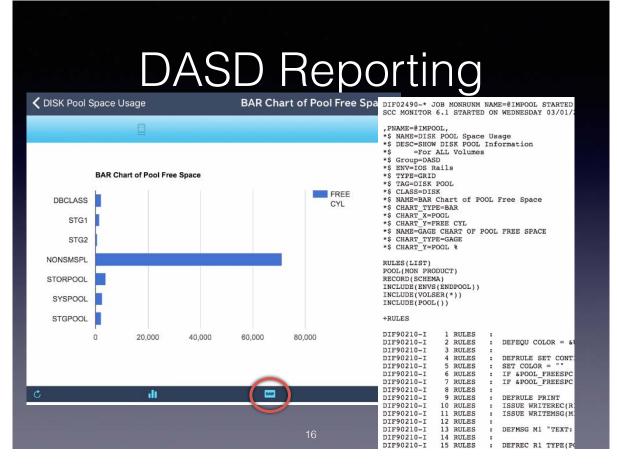
| POOL | FREE % | RESP TIME | TOTAL CYL | TOTAL TRK | FREE CYL | FREE TRK |
|----------|--------|-----------|-----------|-----------|----------|-----------|
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| STG2 | 3 | 3,000 | 22,260 | 333,900 | 678 | 10,292 |
| NONSMSPL | 35 | 3,000 | 205,275 | 3,079,125 | 71,130 | 1,067,975 |
| STORPOOL | 59 | 3,000 | 6,678 | 100,170 | 3,940 | 59,427 |
| SYSPOOL | 79 | 3,000 | 3,339 | 50,085 | 2,636 | 39,561 |
| STGPOOL | 7 | 3,000 | 32,277 | 484,155 | 2,229 | 33,605 |

< DASD









Report Server

- Run SQL query against downloaded data
- Long running reports
- View output in App
- See Results/ View Log
- Usually PDF

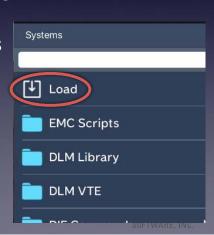
Report Server



Throughput: Gigabytes Read/Written

Command Upload

- Refresh Commands from zOS PDS
- Update or Add new commands
- Coordinate command updates



Command Upload

| 〈 Commands | | Title | Accept All |
|-------------------|-------------------|-------|-------------|
| 06-03-2017 | 17:41:29 🔲 DTS | | |
| ACC List | | | |
| Difcmd ACC | ACC | | (+) Add |
| CP502 – LOG C | OLLECT | | |
| Difcmd | DCC | | Destace |
| EMC Scripts | ТАРЕ | | (+) Replace |
| CP504 – VNX F | REPLICATION-QUICK | | |
| Difcmd | DCC | | |
| EMC Scripts | ТАРЕ | | (+) Replace |
| | | | |
| | | | |
| | | | |
| | | 20 | |

Features

- Swipe Down for groups of commands
- Supports Notification Alert from zOS
- Command Definition can specify the Group
- Command Definition can specify the System

Requirements

- TCPIP with access to WWW
- HTTP server required for Charting (Uses Google Charting HTTP5)
- Access to a Report Server DTS uses BIRT



License Req

- Pocket Reference Nothing
- Text commands DIF
 - License SMS/Debug (pretty cheap)
- Grid/Chart MONitor

