



PDSMAN – EZYEDIT SPACE

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EZYEDIT – SPACE

- The **SPACE** command displays DASD volume information, including the following:
 - Amount of free space available
 - Volume and VTOC utilization statistics
 - Extended Address Volume (EAV) information
- Can be executed in batch (**PDSEASY**)
- The next few slides provide an overview and demonstrate how to use the **SPACE** command

Agenda

Topic	Description
Invocation	How to invoke the SPACE command within EZYEDIT
Views	Overview of the panels displayed
Commands	Primary and line commands
Batch	How to code and execute SPACE in a batch job
Links	PDSMAN and other slide decks
Conclusion	Final comments

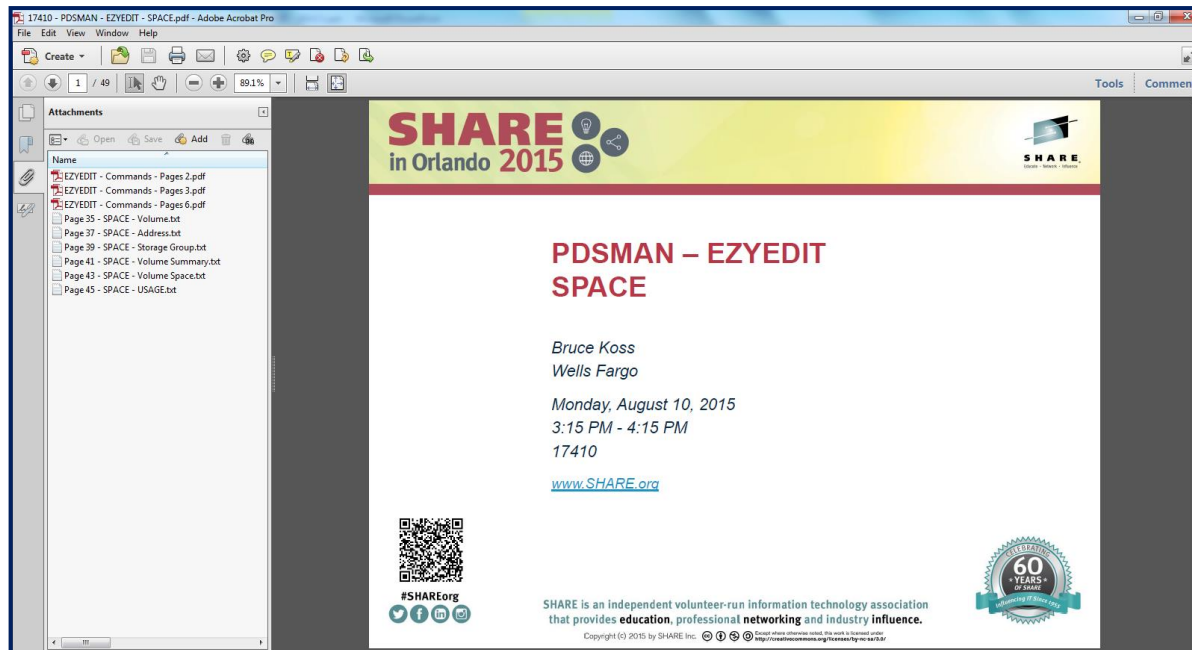
Attachments (📎)

- The following attachments are included in this document:


File	Type
EZYEDIT – Commands – Pages 2	PDF
EZYEDIT – Commands – Pages 3	PDF
EZYEDIT – Commands – Pages 6	PDF
Page 35 – SPACE – Volume	TXT
Page 37 – SPACE – Address	TXT
Page 39 – SPACE – Storage Group	TXT
Page 41 – SPACE – Volume Summary	TXT
Page 43 – SPACE – Volume Space	TXT
Page 45 – SPACE – USAGE	TXT

Attachments (📎)

- Invoke Adobe Reader and click the ‘**Attachments**’ button on the left side of the navigational panel of the main Reader window



Disclaimers

- Must use Adobe Reader to view attachments
 - () signifies attachment
- May need to adjust the Adobe Reader zoom value to view text
- Commands and screens may be slightly different depending on the operating system's version and release level
 - These commands and screen prints were executed on
 - **PDSMAN/EZYEDIT V7.70** and **z/OS V2R1**
- Security may prevent access to panels or executing commands
- For more detailed information, please reference the following manual:
 - **CA PDSMAN PDS Library Management**
 - **EZYEDIT User Guide**
 - **Chapter 8, Volume Information Display**

Invocation

Overview

- The next few slides demonstrate how to invoke the **SPACE** command from within EZYEDIT
- Wild cards are accepted
 - **+**, **?** and **%** represent a single character
 - ***** represents a string

- From the Ezyedit Selection Panel, type in **SPACE** in the **Function** field and press **ENTER**

```
----- PDSMAN 7.70 - Ezyedit Selection Panel -----
COMMAND ==>
                                SCROLL ==> CSR

Function      ==> SPACE           06:10           Project ==>
DSN/Variable # ==>                Group      ==>
Member Name   ==>                Type       ==>
Volume Serial ==>                Printer    ==>                Profile ==>

  1 DSN= /*----- DATASETS -----*/          2 DSN= /*----- TSO COMMANDS -----*/
  3 DSN= 'TSTSS.R2221.JCL.*'                    4 DSN= TSO LISTC
  5 DSN= 'TSTSS.R2221.JCL.CNTL(JCL*)'          6 DSN= TSO SYSID
  7 DSN= 'TSTSS.R2221.JCL.CNTL(TST%0*)'        8 DSN= TSO WHOAMI
  9 DSN=
 11 DSN= /*---- PERSONAL LISTS ----*/          12 DSN= /*---- EZYEDIT COMMANDS ----*/
 13 DSN= @MYISPF                                14 DSN= APFLIST
 15 DSN= @MYDSNS                                16 DSN= LLALIST
 17 DSN=
 19 DSN= /*-- ALLOCATION DISPLAY --*/           18 DSN= LNKLIST
 21 DSN= F(*)                                    20 DSN= LPALIST
 23 DSN= F(ISP*)                                22 DSN= PDSMINIT
 25 DSN= F(SYSPROC)                             24 DSN=
 26 DSN=

Press F1   Key for Tutorial and Command Summary
```

SPACE – Results

- Results from executing the command

```

EZYEDIT Volume Information * ----- Row 1 of 3507
COMMAND ==>                               SCROLL ==> CSR

      <----- Volume Freespace -----> <--- Largest --->
Volume  Cua  Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
AKT030 1EDB 42024  630K 35.7G  64% ██████████ 55.7G 42016  630K 35.7G
AKT100 10DF 39015  585K 33.2G  15% ██████████ 223G  3599 53985 3.06G
AKT300 1F1B 28341  427K 24.2G  43% ██████████ 55.7G 25844  388K  22G
AKT301 11DA 65094  976K 55.3G  99% ██████████ 55.7G 65094  976K 55.3G
AKT601 109F 23312  350K 19.8G   9% ██████████ 223G  9090  136K  7.73G
AKT602 11DF 49779  747K 42.3G  19% ██████████ 223G 26329  395K 22.4G
CPLT00 2B02  3063 45961  2.6G  92% ██████████ 2.84G  3063 45947  2.6G
CPLT01 2B0A  3170 47578  2.7G  95% ██████████ 2.84G  3170 47564  2.7G
CPLT02 2B12  3254 48829  2.77G  97% ██████████ 2.84G  3254 48815  2.77G
CPLT03 2B1A  3254 48828  2.77G  97% ██████████ 2.84G  3254 48820  2.77G
CPLT04 2B22  3254 48828  2.77G  97% ██████████ 2.84G  3254 48820  2.77G
CPLT05 2B2A  3254 48829  2.77G  97% ██████████ 2.84G  3254 48815  2.77G
CPLT06 2B32  3170 47578  2.7G  95% ██████████ 2.84G  3170 47564  2.7G
CPLT07 2B3A  3063 45961  2.6G  92% ██████████ 2.84G  3063 45947  2.6G
CPLT10 2D0A  3063 45961  2.6G  92% ██████████ 2.84G  3063 45947  2.6G
CPLT11 2D12  3170 47578  2.7G  95% ██████████ 2.84G  3170 47564  2.7G
CPLT12 2D1A  3254 48829  2.77G  97% ██████████ 2.84G  3254 48815  2.77G
CPLT13 2D22  3254 48828  2.77G  97% ██████████ 2.84G  3254 48820  2.77G
    
```

SPACE – Volume

- Type in **SPACE** in the **Function** field, type in the DASD volume in the **Volume Serial** field and press **ENTER**

```
----- PDSMAN 7.70 - Ezyedit Selection Panel -----  
COMMAND ==>                                     SCROLL ==> CSR  
  
Function      ==> SPACE                        06:11      Project ==>  
DSN/Variable # ==>                               Group   ==>  
Member Name   ==>                               Type    ==>  
Volume Serial ==> AKT*                        Printer ==>      Profile ==>  
  
  1 DSN= /*----- DATASETS -----*/           2 DSN= /*----- TSO COMMANDS -----*/  
  3 DSN= 'TSTSS.R2221.JCL.*'  
  5 DSN= 'TSTSS.R2221.JCL.CNTL(JCL*)'  
  7 DSN= 'TSTSS.R2221.JCL.CNTL(TST%0*)'  
  9 DSN=  
 11 DSN= /*---- PERSONAL LISTS ----*/           12 DSN= /*---- EZYEDIT COMMANDS ----*/  
 13 DSN= @MYISPF  
 15 DSN= @MYDSNS  
 17 DSN=  
 19 DSN= /*-- ALLOCATION DISPLAY --*/           20 DSN= LPALIST  
 21 DSN= F(*)  
 23 DSN= F(ISP*)  
 25 DSN= F(SYSPROC)                             22 DSN= PDSMINIT  
                                                24 DSN=  
                                                26 DSN=  
  
Press F1   Key for Tutorial and Command Summary
```

SPACE – Volume – Results

- Results from executing the command

```
EZYEDIT Volume Information * ----- Row 1 of 3507
COMMAND ==>                               SCROLL ==> CSR

<----- Volume Freespace -----> <--- Largest --->
Volume  Cua Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
AKT030  1EDB 42024  630K 35.7G  64%  55.7G 42016  630K 35.7G
AKT100  10DF 39015  585K 33.2G  15%  223G  3599 53985 3.06G
AKT300  1F1B 28341  427K 24.2G  43%  55.7G 25844  388K  22G
AKT301  11DA 65094  976K 55.3G  99%  55.7G 65094  976K 55.3G
AKT601  109F 23312  350K 19.8G   9%  223G  9090  136K  7.73G
AKT602  11DF 49779  747K 42.3G  19%  223G 26329  395K  22.4G
```

SPACE – Unit

- Type in **SPACE** in the **Function** field, type in forward slash (/) and the DASD control unit address in the **Volume Serial** field and press **ENTER**

```
----- PDSMAN 7.70 - Ezyedit Selection Panel -----  
COMMAND ==>                                     SCROLL ==> CSR  
  
Function      ==> SPACE                        06:12          Project ==>  
DSN/Variable # ==>                               Group      ==>  
Member Name   ==>                               Type       ==>  
Volume Serial ==> /109*          Printer ==>       Profile ==>  
  
  1 DSN= /*----- DATASETS -----*/           2 DSN= /*----- TSO COMMANDS -----*/  
  3 DSN= 'TSTSS.R2221.JCL.*'  
  5 DSN= 'TSTSS.R2221.JCL.CNTL(JCL*)'  
  7 DSN= 'TSTSS.R2221.JCL.CNTL(TST%0*)'  
  9 DSN=  
 11 DSN= /*---- PERSONAL LISTS ----*/           12 DSN= /*---- EZYEDIT COMMANDS ----*/  
 13 DSN= @MYISPF  
 15 DSN= @MYDSNS  
 17 DSN=  
 19 DSN= /*-- ALLOCATION DISPLAY --*/           20 DSN= LPALIST  
 21 DSN= F(*)  
 23 DSN= F(ISP*)  
 25 DSN= F(SYSPROC)                             22 DSN= PDSMINIT  
                                                24 DSN=  
                                                26 DSN=  
  
Press F1      Key for Tutorial and Command Summary
```

SPACE – Unit – Results

- Results from executing the command

```

EZYEDIT Volume Information Unit=109* ----- Row 1 of 16
COMMAND ==>                                     SCROLL ==> CSR

```

Volume	Cua	Cyls	Trks	Byts	Free%	Cap	Cyls	Trks	Byts
AKT601	109F	23312	350K	19.8G	9%	223G	9090	136K	7.73G
DBC022	109A	17846	268K	15.2G	27%	55.7G	8535	128K	7.25G
DIMS15	109C	11000	166K	9.42G	17%	55.7G	6452	96780	5.48G
DMD113	109E	20586	309K	17.5G	31%	55.7G	4839	72585	4.11G
DMD118	109B	23506	356K	20.2G	36%	55.7G	2313	34695	1.97G
DMD178	1092	29873	449K	25.5G	46%	55.7G	2573	38595	2.19G
DMD218	1093	27260	410K	23.2G	42%	55.7G	5049	75749	4.29G
DXL137	1096	28667	430K	24.4G	44%	55.7G	17695	265K	15G
DXL262	1097	7336	110K	6.24G	11%	55.7G	4228	63420	3.59G
DXSB71	1095	17624	265K	15G	27%	55.7G	4955	74325	4.21G
DXSB73	1094	22867	344K	19.5G	35%	55.7G	6773	102K	5.76G
ZA109D	109D	65517	983K	55.7G	100%	55.7G	65517	983K	55.7G
ZA1090	1090	65517	983K	55.7G	100%	55.7G	65517	983K	55.7G
ZA1091	1091	65517	983K	55.7G	100%	55.7G	65517	983K	55.7G
ZA1098	1098	65517	983K	55.7G	100%	55.7G	65517	983K	55.7G
ZA1099	1099	65517	983K	55.7G	100%	55.7G	65517	983K	55.7G

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

SPACE – Storage Group

- Type in **SPACE** in the **Function** field, type in **SG=[storagegroup]** in the **DSN/Variable #** field and press **ENTER**

```
----- PDSMAN 7.70 - Ezyedit Selection Panel -----
COMMAND ==>
                                                    SCROLL ==> CSR

Function      ==> SPACE          06:13          Project ==>
DSN/Variable # ==> SG-AKTPOL          Group   ==>
Member Name   ==>                  Type    ==>
Volume Serial ==>                  Printer ==>          Profile ==>

  1 DSN= /*----- DATASETS -----*/          2 DSN= /*----- TSO COMMANDS -----*/
  3 DSN= 'TSTSS.R2221.JCL.*'                    4 DSN= TSO LISTC
  5 DSN= 'TSTSS.R2221.JCL.CNTL(JCL*)'          6 DSN= TSO SYSID
  7 DSN= 'TSTSS.R2221.JCL.CNTL(TST%0*)'        8 DSN= TSO WHOAMI
  9 DSN=
 11 DSN= /*---- PERSONAL LISTS ----*/          12 DSN= /*---- EZYEDIT COMMANDS ----*/
 13 DSN= @MYISPF                                14 DSN= APFLIST
 15 DSN= @MYDSNS                                16 DSN= LLALIST
 17 DSN=
 19 DSN= /*-- ALLOCATION DISPLAY --*/          18 DSN= LNKLIST
 21 DSN= F(*)                                    20 DSN= LPALIST
 23 DSN= F(ISP*)                                22 DSN= PDSMINIT
 25 DSN= F(SYSPROC)                            24 DSN=
 26 DSN=

Press F1   Key for Tutorial and Command Summary
```

SPACE – Storage Group – Results

- Results from executing the command

```
EZYEDIT Volume Information * ----- Row 1 of 3507
COMMAND ==>                               SCROLL ==> CSR

      <----- Volume Freespace -----> <--- Largest --->
Volume  Cua Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
AKT030 1EDB 42024  630K 35.7G  64% ██████████ 55.7G 42016  630K 35.7G
AKT100 10DF 39015  585K 33.2G  15% ██████████ 223G  3599 53985 3.06G
AKT601 109F 23312  350K 19.8G   9% ██████████ 223G  9090  136K 7.73G
AKT602 11DF 49779  747K 42.3G  19% ██████████ 223G 26329  395K 22.4G
```


Views

- The next few slides display the following volume information views:

Panel	Description
Freespace	Displays volume free space information including the largest contiguous space available on the volume
Usage	Displays volume, VTOC and VTOC Index usage information
Summary	Displays the fragmentation index, device type and volume status information
Space	Displays the total volume space, the total volume free space and the size of the largest contiguous free space in cylinders, tracks and bytes
Track Managed	Displays the total space, free space and the size of the largest contiguous free space in the track managed area of the volume <ul style="list-style-type: none">This screen is displayed <u>only</u> when showing information for Extended Address Volumes (EAVs)

SPACE – Volume

- Type in **SPACE** in the **Function** field, type in the DASD volume in the the **Volume Serial** field and press **ENTER**

```
----- PDSMAN 7.70 - Ezyedit Selection Panel -----
COMMAND ==>
                                                    SCROLL ==> CSR

Function      ==> SPACE                06:13          Project ==>
DSN/Variable # ==>                      Group      ==>
Member Name   ==>                      Type       ==>
Volume Serial ==> DPS*                Printer ==> Profile ==>

  1 DSN= /*----- DATASETS -----*/      2 DSN= /*----- TSO COMMANDS -----*/
  3 DSN= 'TSTSS.R2221.JCL.*'                4 DSN= TSO LISTC
  5 DSN= 'TSTSS.R2221.JCL.CNTL(JCL*)'      6 DSN= TSO SYSID
  7 DSN= 'TSTSS.R2221.JCL.CNTL(TST%0*)'    8 DSN= TSO WHOAMI
  9 DSN=
 11 DSN= /*---- PERSONAL LISTS ----*/      12 DSN= /*---- EZYEDIT COMMANDS ----*/
 13 DSN= @MYISPF                            14 DSN= APFLIST
 15 DSN= @MYDSNS                            16 DSN= LLALIST
 17 DSN=
 19 DSN= /*-- ALLOCATION DISPLAY --*/        18 DSN= LNKLIST
 21 DSN= F(*)                              20 DSN= LPALIST
 23 DSN= F(ISP*)                          22 DSN= PDSMINIT
 25 DSN= F(SYSPROC)                       24 DSN=
                                           26 DSN=

Press F1   Key for Tutorial and Command Summary
```

SPACE – Freespace View

- Displays the **Volume** and **Largest Freespace** information; press **F11** (RIGHT) to display the **Usage** information

```

EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==>                                SCROLL ==> CSR

<----- Volume Freespace -----> <--- Largest --->
Volume  Cua  Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
DPS001 18DC 24286 364K 20.7G 37% 55.7G 17585 264K 15G
DPS002 18A3 18741 281K 15.9G 29% 55.7G 15373 231K 13.1G
DPS003 185C 18214 273K 15.5G 28% 55.7G 17375 261K 14.8G
DPS004 181C 28492 427K 24.2G 43% 55.7G 25069 376K 21.3G
DPS005 17DC 33767 507K 28.7G 52% 55.7G 32239 484K 27.4G
DPS006 17A1 38743 581K 32.9G 59% 55.7G 37198 558K 31.6G
DPS007 175C 25340 380K 21.6G 39% 55.7G 24960 374K 21.2G
DPS031 171C 6120 91890 5.21G 9% 55.7G 4112 61680 3.5G
DPS032 245B 16882 253K 14.4G 26% 55.7G 6867 103K 5.84G
DPS033 241B 7330 110K 6.25G 11% 55.7G 2597 38955 2.21G
DPS034 23DB 5228 78633 4.46G 8% 55.7G 2736 41043 2.33G
DPS035 239D 5289 79459 4.5G 8% 55.7G 2910 43650 2.47G
DPS036 235B 5275 79290 4.49G 8% 55.7G 1636 24540 1.39G
DPS037 231B 5816 87442 4.95G 9% 55.7G 2850 42755 2.42G
DPS038 22DB 10867 163K 9.24G 17% 55.7G 4788 71828 4.07G
DPS039 225B 5240 78727 4.46G 8% 55.7G 2148 32221 1.83G
DPS040 229D 164 2610 148M 0% 55.7G 76 1154 65.4M
***** Bottom of Data *****
  
```

SPACE – Usage View

- Displays the **Volume** and **Vtoc Usage** information; press **F11** (RIGHT) to display the **Summary** information

```

EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==>                                SCROLL ==> CSR

```

Volume	Cua	Volume Usage			Vtoc Usage				
		Tracks	Free	Used%	Vtoc#	Vtoc%	Ind	Ind#	Ind%
DPS001	18DC	983K	364K	63%	900	2%	Act	300	2%
DPS002	18A3	983K	281K	71%	900	2%	Act	300	2%
DPS003	185C	983K	273K	72%	900	2%	Act	300	2%
DPS004	181C	983K	427K	57%	900	2%	Act	300	2%
DPS005	17DC	983K	507K	48%	900	2%	Act	300	2%
DPS006	17A1	983K	581K	41%	900	2%	Act	300	2%
DPS007	175C	983K	380K	61%	900	2%	Act	300	2%
DPS031	171C	983K	91890	91%	>1K	2%	Act	900	1%
DPS032	245B	983K	253K	74%	900	3%	Act	600	1%
DPS033	241B	983K	110K	89%	900	5%	Act	600	1%
DPS034	23DB	983K	78633	92%	900	3%	Act	600	1%
DPS035	239D	983K	79459	92%	900	3%	Act	600	1%
DPS036	235B	983K	79290	92%	900	4%	Act	600	1%
DPS037	231B	983K	87442	91%	>1K	2%	Act	900	1%
DPS038	22DB	983K	163K	83%	>1K	2%	Act	900	1%
DPS039	225B	983K	78727	92%	900	3%	Act	300	2%
DPS040	229D	983K	2610	100%	900	3%	Act	300	2%

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

SPACE – Summary View

- Displays the **Volume Summary** information; press **F11** (RIGHT) to display the **Space** information

```

EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==>                               SCROLL ==> CSR

```

----- Volume Summary -----									
Volume	Cua	Trk/Cyl	Tracks	Free	Frag	Device	Access	Mount	Status
DPS001	18DC	15	983K	364K	63	3390-9	DPSPOL	Private	Enabled
DPS002	18A3	15	983K	281K	42	3390-9	DPSPOL	Private	Enabled
DPS003	185C	15	983K	273K	20	3390-9	DPSPOL	Private	Enabled
DPS004	181C	15	983K	427K	36	3390-9	DPSPOL	Private	Enabled
DPS005	17DC	15	983K	507K	16	3390-9	DPSPOL	Private	Enabled
DPS006	17A1	15	983K	581K	17	3390-9	DPSPOL	Private	Enabled
DPS007	175C	15	983K	380K	7	3390-9	DPSPOL	Private	Enabled
DPS031	171C	15	983K	91890	93	3390-9	DPSPOL	Private	Enabled
DPS032	245B	15	983K	253K	110	3390-9	DPSPOL	Private	Enabled
DPS033	241B	15	983K	110K	139	3390-9	DPSPOL	Private	Enabled
DPS034	23DB	15	983K	78633	136	3390-9	DPSPOL	Private	Enabled
DPS035	239D	15	983K	79459	126	3390-9	DPSPOL	Private	Enabled
DPS036	235B	15	983K	79290	174	3390-9	DPSPOL	Private	Enabled
DPS037	231B	15	983K	87442	131	3390-9	DPSPOL	Private	Enabled
DPS038	22DB	15	983K	163K	121	3390-9	DPSPOL	Private	Enabled
DPS039	225B	15	983K	78727	145	3390-9	DPSPOL	Private	Enabled
DPS040	229D	15	983K	2610	258	3390-9	DPSPOL	Private	Enabled

```

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

```

SPACE – Space View

- Displays the **Volume Space** information; press **F11** (RIGHT) to re-display the **Freespace** information

```

EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==>                                SCROLL ==> CSR

```

		Volume Space									
Volume	Cua	T-Cyl	T-Trk	T-Byt	F-Cyl	F-Trk	F-Byt	F-Ext	L-Cyl	L-Trk	L-Byt
DPS001	18DC	65520	983K	55.7G	24286	364K	20.7G	20	17585	264K	15G
DPS002	18A3	65520	983K	55.7G	18741	281K	15.9G	24	15373	231K	13.1G
DPS003	185C	65520	983K	55.7G	18214	273K	15.5G	22	17375	261K	14.8G
DPS004	181C	65520	983K	55.7G	28492	427K	24.2G	29	25069	376K	21.3G
DPS005	17DC	65520	983K	55.7G	33767	507K	28.7G	23	32239	484K	27.4G
DPS006	17A1	65520	983K	55.7G	38743	581K	32.9G	15	37198	558K	31.6G
DPS007	175C	65520	983K	55.7G	25340	380K	21.6G	27	24960	374K	21.2G
DPS031	171C	65520	983K	55.7G	6120	91890	5.21G	25	4112	61680	3.5G
DPS032	245B	65520	983K	55.7G	16882	253K	14.4G	35	6867	103K	5.84G
DPS033	241B	65520	983K	55.7G	7330	110K	6.25G	58	2597	38955	2.21G
DPS034	23DB	65520	983K	55.7G	5228	78633	4.46G	54	2736	41043	2.33G
DPS035	239D	65520	983K	55.7G	5289	79459	4.5G	31	2910	43650	2.47G
DPS036	235B	65520	983K	55.7G	5275	79290	4.49G	36	1636	24540	1.39G
DPS037	231B	65520	983K	55.7G	5816	87442	4.95G	29	2850	42755	2.42G
DPS038	22DB	65520	983K	55.7G	10867	163K	9.24G	18	4788	71828	4.07G
DPS039	225B	65520	983K	55.7G	5240	78727	4.46G	34	2148	32221	1.83G
DPS040	229D	65520	983K	55.7G	164	2610	148M	31	76	1154	65.4M

```

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

```

Commands

Overview

- The next few slides display all the EZYEDIT DASD **SPACE** primary and line commands
- The **Batch** column displays
 - **Yes**, can be used with PDSEASY
 - **No**, can not be used with PDSEASY

SPACE – Primary Commands (📎)

Command	Batch	Description
<u>F</u> ind	Yes	Find a string
<u>H</u> ard <u>C</u> opy	Yes	Print current list
I <u>F</u>	Yes	Conditional filter
<u>I</u> nclude	Yes	Include additional volumes
<u>L</u> EFT	Yes	Scroll left
<u>L</u> ocate	Yes	Locate a volume
<u>O</u> NLY	Yes	Exclude rows not containing argument
<u>O</u> U <u>T</u> put	Yes	Output current list
<u>P</u> O <u>P</u> list	Yes	Restore list from the display stack
<u>P</u> U <u>S</u> Hlist	Yes	Save list to the display stack
<u>R</u> E <u>F</u> resh	Yes	Rebuild display
<u>R</u> E <u>S</u> et	Yes	Reset display
<u>R</u> I <u>G</u> H <u>T</u>	Yes	Scroll right

SPACE – Primary Commands (📎)

Command	Batch	Description
S	No	Dataset list
SORT	Yes	SORT display
USAGE	Yes	Volume usage summary
X	Yes	Exclude above or below

SPACE – Primary Command – USAGE

- To display the **Volume Usage Summary** report, type in **USAGE** and press **ENTER**

```

EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==> USAGE                               SCROLL ==> CSR

      <----- Volume Freespace -----> <--- Largest --->
Volume  Cua  Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
DPS001 18DC 24286  364K 20.7G 37%  55.7G 17585  264K  15G
DPS002 18A3 18741  281K 15.9G 29%  55.7G 15373  231K 13.1G
DPS003 185C 18214  273K 15.5G 28%  55.7G 17375  261K 14.8G
DPS004 181C 28492  427K 24.2G 43%  55.7G 25069  376K 21.3G
DPS005 17DC 33767  507K 28.7G 52%  55.7G 32239  484K 27.4G
DPS006 17A1 38743  581K 32.9G 59%  55.7G 37198  558K 31.6G
DPS007 175C 25340  380K 21.6G 39%  55.7G 24960  374K 21.2G
DPS031 171C   6120 91890  5.21G  9%  55.7G   4112 61680  3.5G
DPS032 245B 16882  253K 14.4G 26%  55.7G   6867  103K  5.84G
DPS033 241B  7330  110K  6.25G 11%  55.7G   2597 38955  2.21G
DPS034 23DB  5228 78633  4.46G  8%  55.7G   2736 41043  2.33G
DPS035 239D  5289 79459  4.5G  8%  55.7G   2910 43650  2.47G
DPS036 235B  5275 79290  4.49G  8%  55.7G   1636 24540  1.39G
DPS037 231B  5816 87442  4.95G  9%  55.7G   2850 42755  2.42G
DPS038 22DB 10867  163K  9.24G 17%  55.7G   4788 71828  4.07G
DPS039 225B  5240 78727  4.46G  8%  55.7G   2148 32221  1.83G
DPS040 229D   164  2610  148M  0%  55.7G     76  1154 65.4M
***** Bottom of Data *****
  
```

SPACE – USAGE – Results

- Displays the **Storage Usage Summary** report

```
EZYEDIT Utility Report ----- Row 1 of 7
COMMAND ==>                               SCROLL ==> CSR

                Storage Usage Summary

Total Tracks=   16,711,000 Free=   3,840,104 Usage=  77%

Volume(s) processed :           17
***** Bottom of Data *****
```

SPACE – Line Commands (📎)

Command	Batch	Description
S	No	Displays a dataset list on the volume
U	No	User command alias
X	No	Exclude a volume
=	No	Repeat command
/	No	Scroll display
?	No	Re-display message

SPACE – Line Command – S

- To display all the datasets on the DASD volume, tab down to a DASD volume, type in **S** and press **ENTER**

```
EZYEDIT Volume Information Vol=DPS* ----- Row 1 of 17
COMMAND ==>>                                SCROLL ==>> CSR

<----- Volume Freespace -----> <--- Largest --->
Volume  Cua  Cyls--Trks--Byts Free% ...25...50...75..100  Cap  Cyls--Trks--Byts
-----
S S001  18DC  24286   364K 20.7G 37%  55.7G 17585   264K   15G
DPS002 18A3  18741   281K 15.9G 29%  55.7G 15373   231K  13.1G
DPS003 185C  18214   273K 15.5G 28%  55.7G 17375   261K  14.8G
DPS004 181C  28492   427K 24.2G 43%  55.7G 25069   376K  21.3G
DPS005 17DC  33767   507K 28.7G 52%  55.7G 32239   484K  27.4G
DPS006 17A1  38743   581K 32.9G 59%  55.7G 37198   558K  31.6G
DPS007 175C  25340   380K 21.6G 39%  55.7G 24960   374K  21.2G
DPS031 171C   6120  91890  5.21G  9%  55.7G  4112  61680  3.5G
DPS032 245B  16882   253K 14.4G 26%  55.7G  6867   103K  5.84G
DPS033 241B   7330   110K  6.25G 11%  55.7G  2597  38955  2.21G
DPS034 23DB   5228  78633  4.46G  8%  55.7G  2736  41043  2.33G
DPS035 239D   5289  79459  4.5G   8%  55.7G  2910  43650  2.47G
DPS036 235B   5275  79290  4.49G  8%  55.7G  1636  24540  1.39G
DPS037 231B   5816  87442  4.95G  9%  55.7G  2850  42755  2.42G
DPS038 22DB  10867   163K  9.24G 17%  55.7G  4788  71828  4.07G
DPS039 225B   5240  78727  4.46G  8%  55.7G  2148  32221  1.83G
DPS040 229D   164   2610  148M  0%  55.7G    76  1154  65.4M
***** Bottom of Data *****
```

SPACE – S – Results

- Displays all datasets on the DASD volume

```
EZYEDIT Dataset List * Vol=DPS001 ----- Row 1 of 1052
COMMAND ==>                                SCROLL ==> CSR
Enter: S=Select D=Delete F=Space-Rel R=Rename I=Vtoc-Info Z=Compress F1=Help
Command   Name                               Message                               Volume
-----
          DVPDM1.DATACOM.CAILIB                DPS001
          DVPES1.OPSMVS.SET1.LOADLIB           DPS001
          DVPSS1.TSS.CAILOADA.DV27            DPS001
          DVPSS1.TSS.CAILOADB.DV27.D15015     DPS001
          PRDDM.#DMS.PINSTALL.SET1            DPS001
          PRDHC.#CNMXX.P3.ZMAILMON.BKUP       DPS001
          PRDHC.#NET.EA.REPORT.JCL            DPS001
          PRDHC.#NET.FTPCHK2#.FCEE18SO        DPS001
          PRDHC.#NET.FTPCHK22.FCDV23SO        DPS001
          PRDHC.#NET.FTPCHK22.FCEE09SO        DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13169 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13172 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13193 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13195 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13205 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13211 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13217 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13225 DPS001
          PRDHC.#NET.FTPSMF.DAILY.EMAIL.D13240 DPS001
```


Batch

Overview

- The next few slides will demonstrate how to code EZYEDIT in batch and execute the **SPACE** command
- Please view the [PDSMAN – PDSEASY](#) slide deck for more details on how to execute EZYEDIT in batch

SPACE – Volume (📎)

- List DASD volumes by name when usage is greater than 90%

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE(SPACE01) - 01.02 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  LIST DASD VOLUMES BY NAME AND GREATER THAN 90% USED
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD  SYSOUT=*
//SYSPRINT DD  SYSOUT=*
//SYSIN      DD  *
SPACE DPS*                               /* DASD SPACE BY VOLUME */
IF %USED GT 90                           /* VOLUMES > 90% */
HC                                         /* HARDCOPY REPORT */
***** Bottom of Data *****
```

SPACE – Results

- **EZYPRINT** report after executing the commands

```
Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0433648 DSID 102 LINE 0 COLUMNS 02- 81
COMMAND INPUT ==> SCROLL ==> CSR
***** TOP OF DATA *****
18-May-2015 At 12:47 DV21 EZYEDIT Volume Information
<----- Volume Freespace -----> <--- Largest --->
Volume Cua Cyls--Trks--Byts Free% ...25...50...75..100 Cap Cyls--Trks--Byts
DPS031 171C 6121 91887 5.21G 9% ** 55.7G 4112 61680 3.5G
DPS034 23DB 5228 78633 4.46G 8% ** 55.7G 2736 41043 2.33G
DPS035 239D 5290 79466 4.5G 8% ** 55.7G 2910 43650 2.47G
DPS036 235B 5275 79290 4.49G 8% ** 55.7G 1636 24540 1.39G
DPS037 231B 5823 87542 4.96G 9% ** 55.7G 2850 42755 2.42G
DPS039 225B 5240 78727 4.46G 8% ** 55.7G 2148 32221 1.83G
DPS040 229D 164 2610 148M 0% ** 55.7G 76 1154 65.4M
***** BOTTOM OF DATA *****
```

SPACE – Address (📎)

- List DASD volumes by control unit address (CUA)

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE (SPACE02) - 01.03 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  LIST DASD VOLUMES BY CONTROL UNIT ADDRESS (CUA)
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD  SYSOUT=*
//SYSPRINT DD  SYSOUT=*
//SYSIN DD *
SPACE /171*          /* DASD SPACE BY CUA          */
HC                   /* HARDCOPY REPORT          */
***** Bottom of Data *****
```

SPACE – Address – Results

- EZYPRINT report after executing the commands

```

Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0114975 DSID 102 LINE 0 COLUMNS 02- 81
COMMAND INPUT ==> SCROLL ==> CSR
***** TOP OF DATA *****
01-June-2015 At 14:47 DV21 EZYEDIT Volume Information
<----- Volume Freespace -----> <--- Largest --->
Volume Cua Cyls--Trks--Byts Free% ...25...50...75..100 Cap Cyls--Trks--Byts
DBW038 171F 6457 96869 5.49G 10% ** 55.7G 3742 56130 3.18G
DDL034 171B 9861 148K 8.38G 15% *** 55.7G 2913 43695 2.48G
DDL102 171A 5206 78135 4.43G 8% ** 55.7G 1700 25500 1.44G
DDL190 1713 5230 78623 4.46G 8% ** 55.7G 882 13230 750M
DDL250 1712 15786 237K 13.4G 24% ***** 55.7G 2500 37500 2.12G
DDL322 1711 3709 55647 3.15G 6% ** 55.7G 1099 16485 934M
DDL400 1710 4571 68580 3.89G 7% ** 55.7G 1760 26400 1.5G
DIMS54 1718 34075 512K 29G 52% ***** 55.7G 23088 346K 19.6G
DMD069 1715 20994 316K 17.9G 32% ***** 55.7G 4225 63375 3.59G
DPS031 171C 7207 108K 6.13G 11% *** 55.7G 4112 61692 3.5G
DSY062 171D 19879 298K 16.9G 30% ***** 55.7G 13096 196K 11.1G
DWRK33 171E 64515 968K 54.8G 98% ***** 55.7G 64429 966K 54.8G
ZA1714 1714 65517 983K 55.7G 100% ***** 55.7G 65517 983K 55.7G
ZA1716 1716 65517 983K 55.7G 100% ***** 55.7G 65517 983K 55.7G
ZA1717 1717 65517 983K 55.7G 100% ***** 55.7G 65517 983K 55.7G
ZA1719 1719 65517 983K 55.7G 100% ***** 55.7G 65517 983K 55.7G
    
```

SPACE – Storage Group (📎)

- List DASD volumes by storage group in descending order by usage when usage is greater than 90% used

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE(SPACE03) - 01.05 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  LIST VOLUMES BY STORAGE GROUP AND GREATER THAN 90% USED
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
SPACE SG=DPSPOL                               /* DASD SPACE BY STG GRP */
SORT %USED D                                   /* SORT %USED DESCENDING */
IF %USED GT 90                                 /* USED > 90% */
HC                                              /* HARDCOPY REPORT */
***** Bottom of Data *****
```

SPACE – Storage Group – Results

- **EZYPRINT** report after executing the commands

```
Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0114815  DSID  102 LINE 0          COLUMNS 02- 81
COMMAND INPUT ==>                                SCROLL ==> CSR
***** TOP OF DATA *****
01-June-2015          At 14:43  DV21          EZYEDIT Volume Information
<----- Volume Usage -----> <----- Vtoc Usage ----->
Volume  Cua  Tracks Free Used% ...25...50...75..100 Vtoc#  Vtoc%  Ind  Ind#  Ind%
DPS034 23DB   983K 79969  92% *****
DPS035 239D   983K 83463  92% *****
DPS036 235B   983K 82229  92% *****
DPS039 225B   983K 79676  92% *****
DPS037 231B   983K 91767  91% *****
***** BOTTOM OF DATA *****
```


SPACE – Volume Summary (📎)

- Display the **Volume Summary** report for particular DASD volumes

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE (SPACE04) - 01.00 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  DISPLAY 'VOLUME SUMMARY' FOR PARTICULAR DASD VOLUMES
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD  SYSOUT=*
//SYSPRINT DD  SYSOUT=*
//SYSIN      DD  *
SPACE DPS*                               /* DASD SPACE BY VOLUME */
RIGHT TRK/CYL                             /* VOLUME SUMMARY      */
HC                                          /* HARDCOPY REPORT     */
***** Bottom of Data *****
```

SPACE – Volume Summary – Results

- EZYPRINT report after executing the commands

```
Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0116598 DSID 102 LINE 0 COLUMNS 02- 81
COMMAND INPUT ==> SCROLL ==> CSR
***** TOP OF DATA *****
01-June-2015 At 15:06 DV21 EZYEDIT Volume Information
<----- Volume Summary ----->
```

Volume Cua	Trk/Cyl	Tracks	Free	Frag	Device	Access	Mount	Status
DPS001	18DC	15	983K	354K	57	3390-9	DPSPOL	Private Enabled
DPS002	18A3	15	983K	284K	47	3390-9	DPSPOL	Private Enabled
DPS003	185C	15	983K	266K	16	3390-9	DPSPOL	Private Enabled
DPS004	181C	15	983K	503K	47	3390-9	DPSPOL	Private Enabled
DPS005	17DC	15	983K	240K	29	3390-9	DPSPOL	Private Enabled
DPS006	17A1	15	983K	576K	13	3390-9	DPSPOL	Private Enabled
DPS007	175C	15	983K	377K	9	3390-9	DPSPOL	Private Enabled
DPS031	171C	15	983K	108K	126	3390-9	DPSPOL	Private Enabled
DPS032	245B	15	983K	250K	110	3390-9	DPSPOL	Private Enabled
DPS033	241B	15	983K	111K	157	3390-9	DPSPOL	Private Enabled
DPS034	23DB	15	983K	79969	159	3390-9	DPSPOL	Private Enabled
DPS035	239D	15	983K	83463	127	3390-9	DPSPOL	Private Enabled
DPS036	235B	15	983K	82229	178	3390-9	DPSPOL	Private Enabled
DPS037	231B	15	983K	91767	146	3390-9	DPSPOL	Private Enabled
DPS038	22DB	15	983K	162K	119	3390-9	DPSPOL	Private Enabled
DPS039	225B	15	983K	79676	117	3390-9	DPSPOL	Private Enabled

SPACE – Volume Space (📎)

- Display the **Volume Space** report for particular DASD volumes

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE (SPACE05) - 01.01 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  DISPLAY 'VOLUME SPACE' FOR PARTICULAR DASD VOLUMES
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD  SYSOUT=*
//SYSPRINT DD  SYSOUT=*
//SYSIN      DD  *
SPACE DPS*          /* DASD SPACE BY VOLUME   */
RIGHT TOTCYL        /* VOLUME SPACE           */
HC                  /* HARDCOPY REPORT        */
***** Bottom of Data *****
```

SPACE – Volume Space – Results

- EZYPRINT report after executing the commands

```

Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0115531 DSID 102 LINE 0 COLUMNS 02- 81
COMMAND INPUT ==> SCROLL ==> CSR
***** TOP OF DATA *****
01-June-2015 At 14:58 DV21 EZYEDIT Volume Information
<----- Volume Space ----->
Volume Cua T-Cyl T-Trk T-Byt F-Cyl F-Trk F-Byt F-Ext L-Cyl L-Trk L-Byt
DPS001 18DC 65520 983K 55.7G 23576 354K 20.1G 35 17585 264K 15G
DPS002 18A3 65520 983K 55.7G 18912 284K 16.1G 22 15373 231K 13.1G
DPS003 185C 65520 983K 55.7G 17701 266K 15.1G 23 17041 256K 14.5G
DPS004 181C 65520 983K 55.7G 33508 503K 28.5G 28 25069 376K 21.3G
DPS005 17DC 65520 983K 55.7G 15994 240K 13.6G 26 14762 221K 12.6G
DPS006 17A1 65520 983K 55.7G 38364 576K 32.6G 15 37198 558K 31.6G
DPS007 175C 65520 983K 55.7G 25136 377K 21.4G 24 24639 370K 20.9G
DPS031 171C 65520 983K 55.7G 7207 108K 6.13G 17 4112 61692 3.5G
DPS032 245B 65520 983K 55.7G 16631 250K 14.1G 34 6492 97382 5.52G
DPS033 241B 65520 983K 55.7G 7382 111K 6.29G 56 2597 38955 2.21G
DPS034 23DB 65520 983K 55.7G 5304 79969 4.53G 81 2736 41043 2.33G
DPS035 239D 65520 983K 55.7G 5558 83463 4.73G 26 2910 43650 2.47G
DPS036 235B 65520 983K 55.7G 5466 82229 4.66G 43 1636 24540 1.39G
DPS037 231B 65520 983K 55.7G 6098 91767 5.2G 39 2850 42755 2.42G
DPS038 22DB 65520 983K 55.7G 10805 162K 9.19G 28 4788 71828 4.07G
DPS039 225B 65520 983K 55.7G 5301 79676 4.51G 32 2148 32221 1.83G
    
```

SPACE – USAGE (📎)

- Display the **USAGE** report for particular DASD volumes

```
Menu Utilities Compilers Help
-----
BROWSE      PRDSS.R2221.EZYEDIT.SPACE (SPACE06) - 01.01 Line 00000000 Col 001 080
Command ==>                               Scroll ==> CSR
***** Top of Data *****
//@SSSPACE JOB (SST), 'PDSEASY',MSGCLASS=T,CLASS=R,NOTIFY=&SYSUID
//*-----*
//*  PURPOSE:  DISPLAY 'USAGE' REPORT FOR PARTICULAR DASD VOLUMES
//*-----*
//EZYEDIT EXEC PGM=PDSEASY
//EZYPRINT DD  SYSOUT=*
//SYSPRINT DD  SYSOUT=*
//SYSIN      DD  *
SPACE DPS*          /* DASD SPACE BY VOLUME */
USAGE              /* USAGE REPORT          */
HC                /* HARDCOPY REPORT        */
***** Bottom of Data *****
```

SPACE – USAGE – Results

- **EZYPRINT** report after executing the commands

```
Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY @SSSPACE J0118654 DSID 102 LINE 0 COLUMNS 02- 81
COMMAND INPUT ==> SCROLL ==> CSR
***** TOP OF DATA *****
01-June-2015 At 15:35 DV21 EZYEDIT Utility Report
Storage Usage Summary
Total Tracks= 16,711,000 Free= 3,840,104 Usage= 77%

Volume(s) processed : 17
01-June-2015 At 15:35 DV21 EZYEDIT Volume Information
<----- Volume Freespace -----> <--- Largest --->
Volume Cua Cyls--Trks--Byts Free% ...25...50...75..100 Cap Cyls--Trks--Byts
DPS001 18DC 23576 354K 20.1G 36% ***** 55.7G 17585 264K 15G
DPS002 18A3 18912 284K 16.1G 29% ***** 55.7G 15373 231K 13.1G
DPS003 185C 17701 266K 15.1G 27% ***** 55.7G 17041 256K 14.5G
DPS004 181C 33508 503K 28.5G 51% ***** 55.7G 25069 376K 21.3G
DPS005 17DC 15994 240K 13.6G 24% ***** 55.7G 14762 221K 12.6G
DPS006 17A1 38364 576K 32.6G 59% ***** 55.7G 37198 558K 31.6G
DPS007 175C 25136 377K 21.4G 38% ***** 55.7G 24639 370K 20.9G
DPS031 171C 7207 108K 6.13G 11% *** 55.7G 4112 61692 3.5G
```

Links

Links
PDSMAN – EZYEDIT – Introduction
PDSMAN – EZYEDIT – Selection Panel
PDSMAN – EZYEDIT – Dataset List
PDSMAN – EZYEDIT – Member List
PDSMAN – EZYEDIT – SPACE
PDSMAN – EZYEDIT – TSO Command Shell
PDSMAN – Introduction
PDSMAN – Member Versions
PDSMAN – FASTCOPY
PDSMAN – PDSEASY
PDSMAN – PDSM18
PDSMAN – PDSMURPT

Links
<u>ISPF – An Experienced User Shares His Secrets</u>
<u>ISPF – Workstation Agent (WSA)</u>
<u>OPSMVS – OPSLOG Overview</u>
<u>REXX and ISPF – Troubleshooting</u>
<u>SDSF – Beyond the Basics</u>

Conclusion

Final Comments

- PDSMAN provides a wide range of solutions to PDS and PDSE issues users face on a daily basis
 - Saves time and increases productivity
- Every PDSMAN/EZYEDIT release introduces new features and commands which are easy to understand, implement and use
- The tutorials and manuals are exceptional
 - Easy to read and understand
 - Suggest downloading the manuals periodically to obtain new updates

Thank You!

- A special thank you to the CA PDSMAN team for their technical input and assistance
- Suggest checking out the CA PDSMAN community web site at:
[CA – Mainframe Community – PDSMAN](#)
Or
[CA – Mainframe Community](#)
Select '**CA PDSMAN PDS Library Management**' from the '**Products Covered**' section located on the left hand side of the web page

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