beta systems

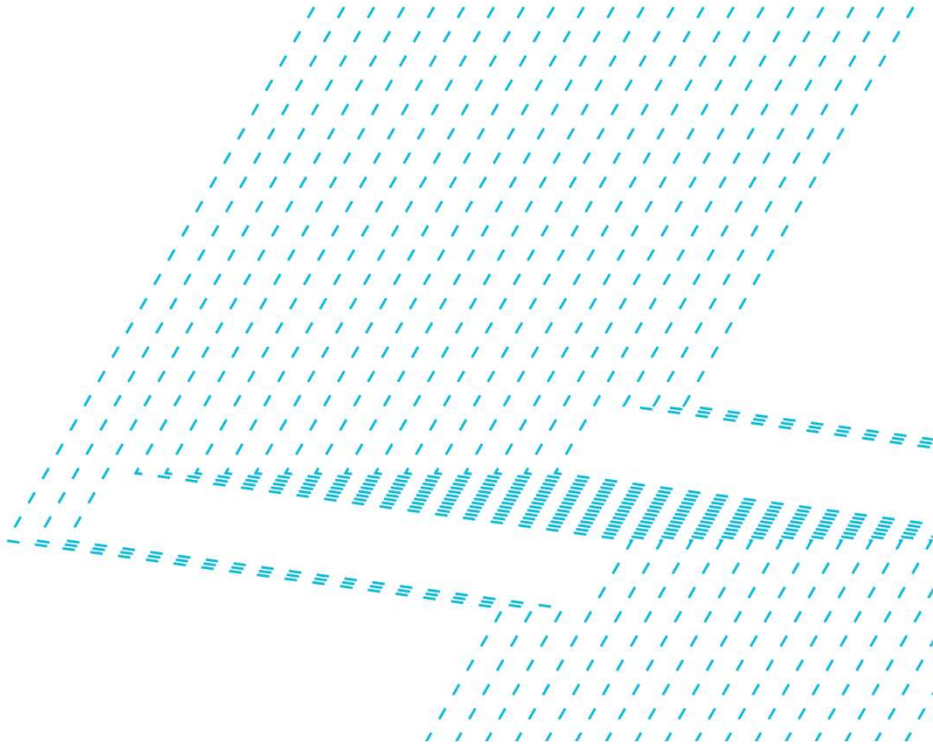
Operlog Tools

Operlog Analyse in z/OS – News

103. GSE z/OS zExpertenForum – Oktober 2026

Yves Colliard

Joachim Herkenrath



Agenda

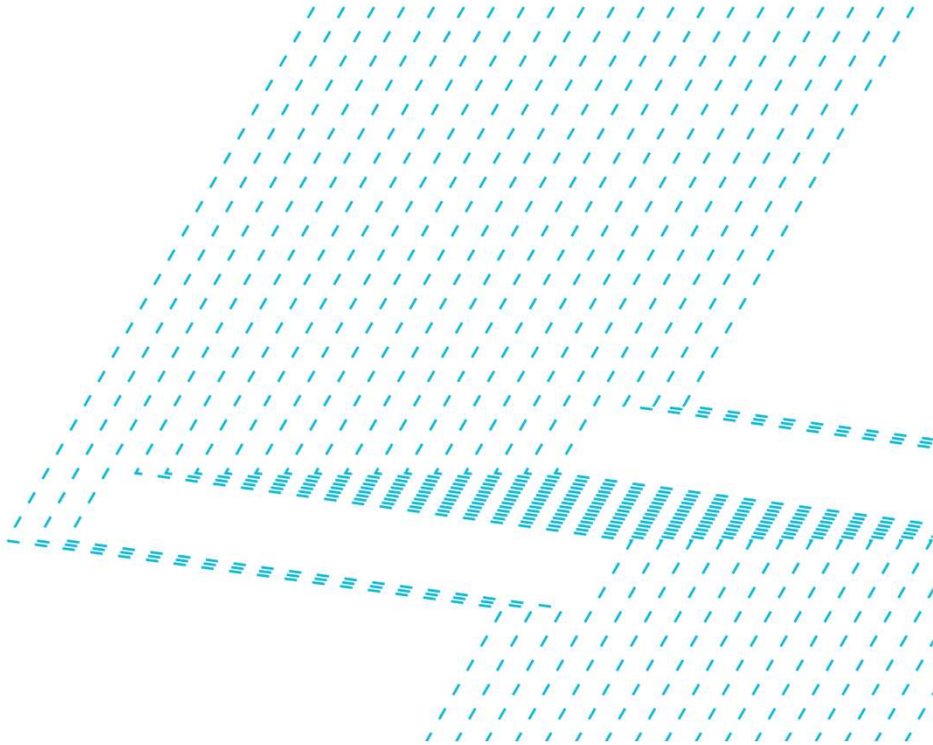
Überblick

- Operlog Tools Überblick und Komponenten
- Operlog Data Analyse mit den Standard-Tools
- Neue Möglichkeiten durch Operlog Tools

Version 3.2 News

- IPL Compare enhanced
- Support von Text search/exclude im Editor
- z/OSMF Interface

Bemerkungen und Fragen



Operlog in einer z/OS Umgebung

Operlog ist "state of the art" für das Logging in einer IBM Mainframe Umgebung

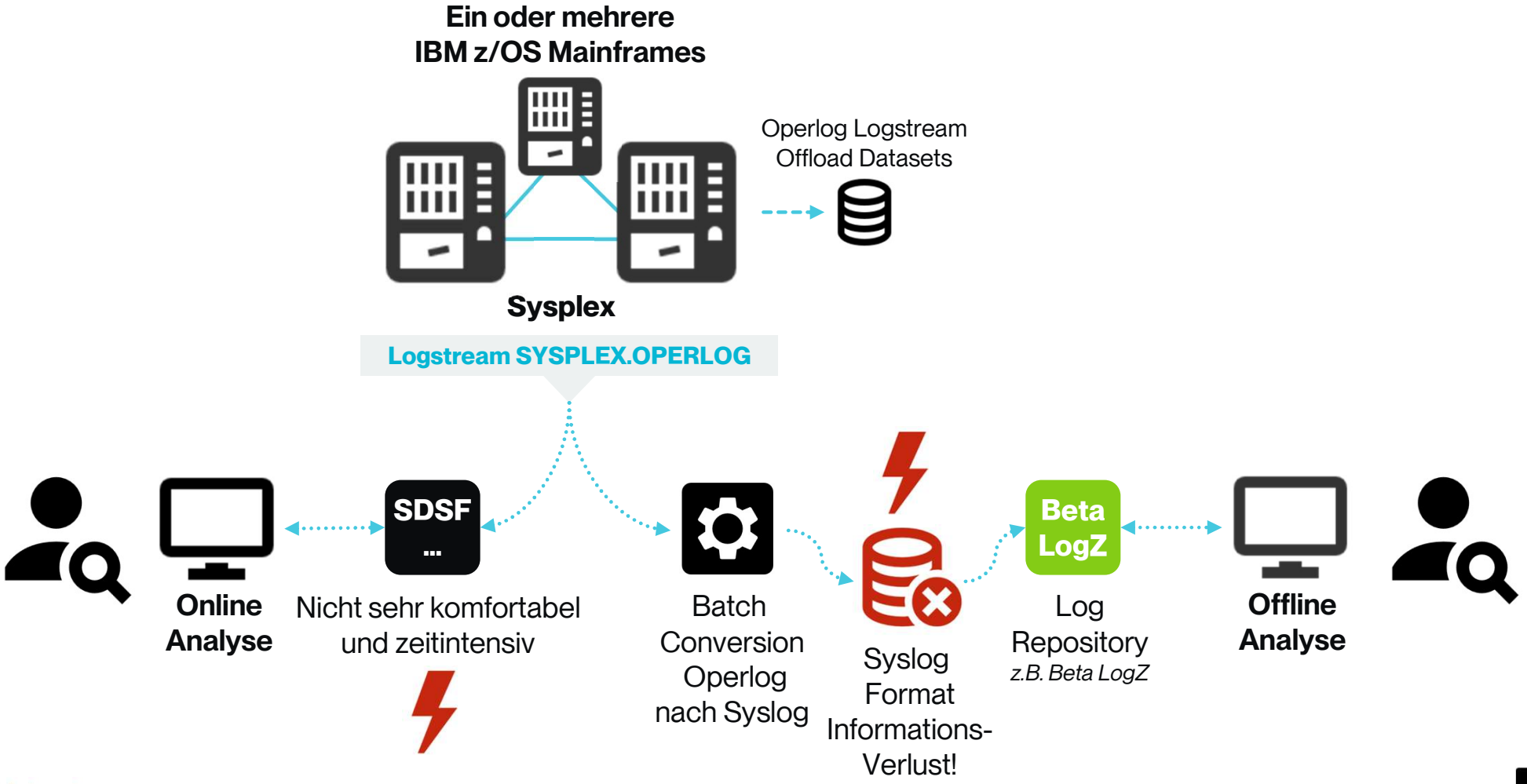
- Alle z/OS Rechenzentren betreiben ein/mehrere Sysplexe
- Diese erstellen 100.000 Zeilen (eher mehr) an Operlog-Daten jeden Tag

Ohne Operlog Tools

- Die Daten müssen täglich/stündlich archiviert werden
  und dies in einem separaten Tool (z.B. Beta LogZ)
- Der Kunde muss mit 2 Quellen arbeiten (aktiv und archiviert)
- Der Kunde muss sich mit 2 Tools auseinandersetzen
- Teile der Operlog-Daten gehen durch Konvertierung nach SYSLOG verloren
- Eine einfache/einheitliche Batch Schnittstelle ist nicht verfügbar



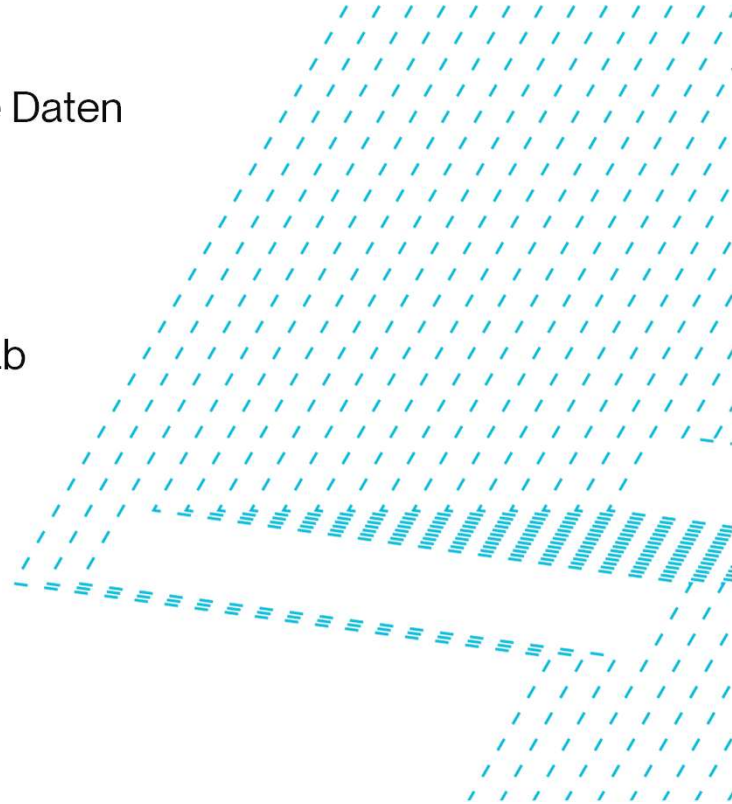
Aktuelle Operlog Handhabung in einer z/OS Umgebung



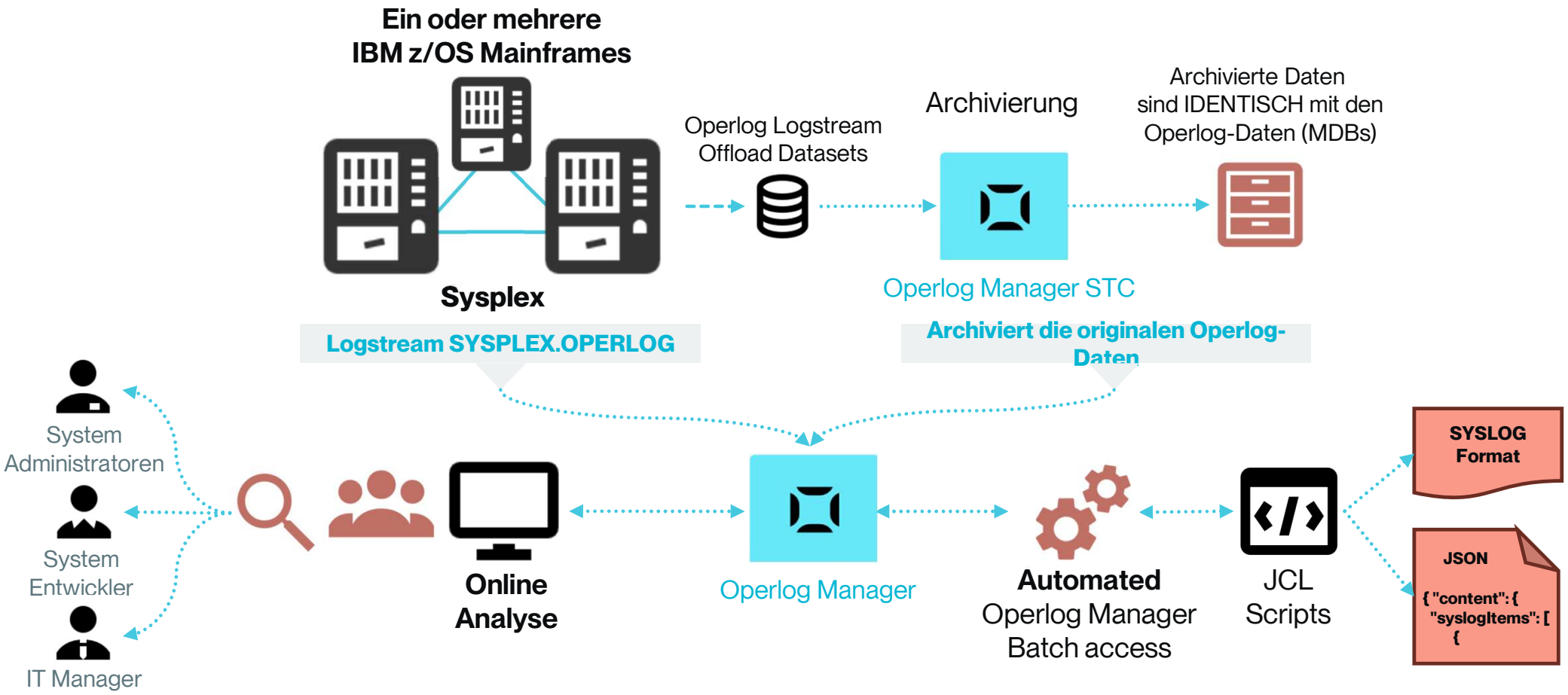
Ziele von Operlog Tools

Operlog Manager

- EINE EINZIGE Schnittstelle zu den Operlog-Daten – aktive oder archivierte Daten
  Alle Analysen verwenden dieselbe Schnittstelle
- Die APP ist spezialisiert auf die Analyse von Operlog-Daten
  Die Zeit, die für die Analyse gebraucht wird, ist GELD!
- Die Batch Schnittstelle deckt denselben Umfang wie das Online Interface ab
  Einsatz von Batch für Analyse und Prüfungen – vorbereitet und asynchron
  Support von Output in JSON Format (nicht nur "SYSLOG")



Vorteile von Operlog Manager

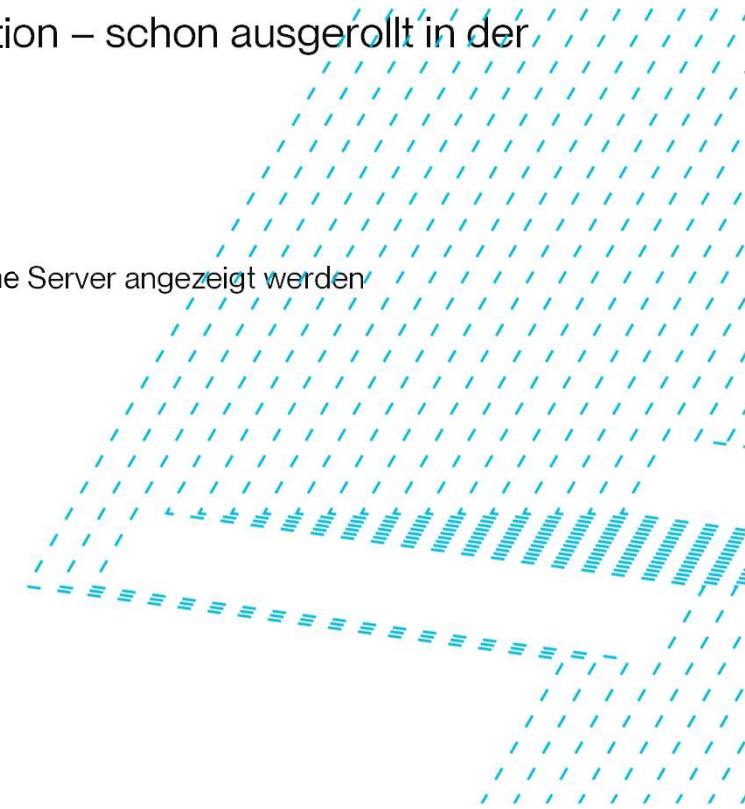


Operlog Tools

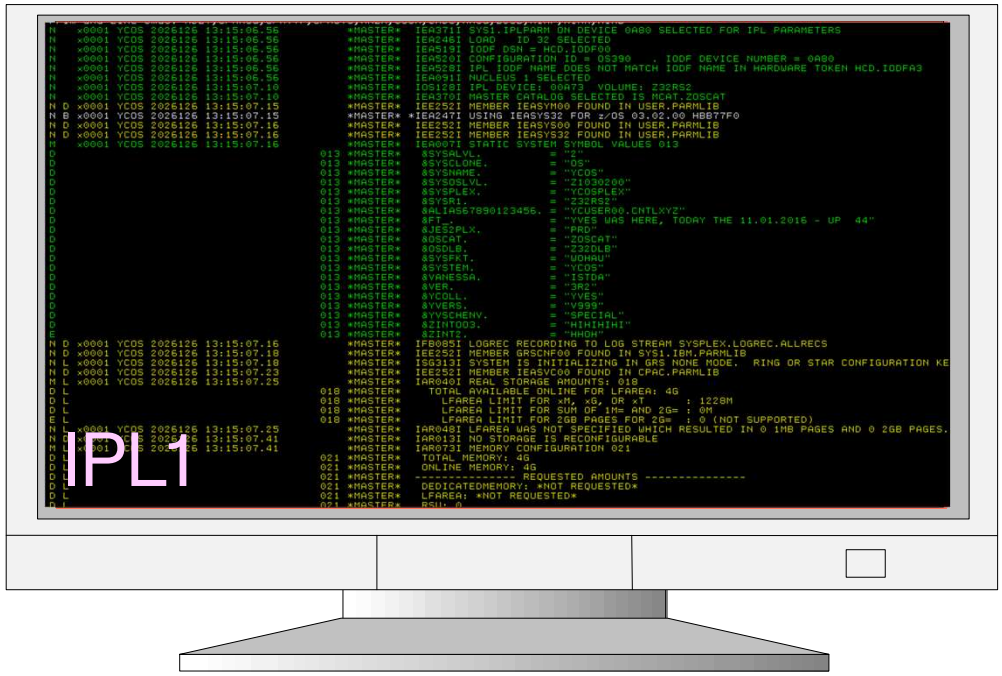


Operlog Tools v3.2 – News
IPL Compare

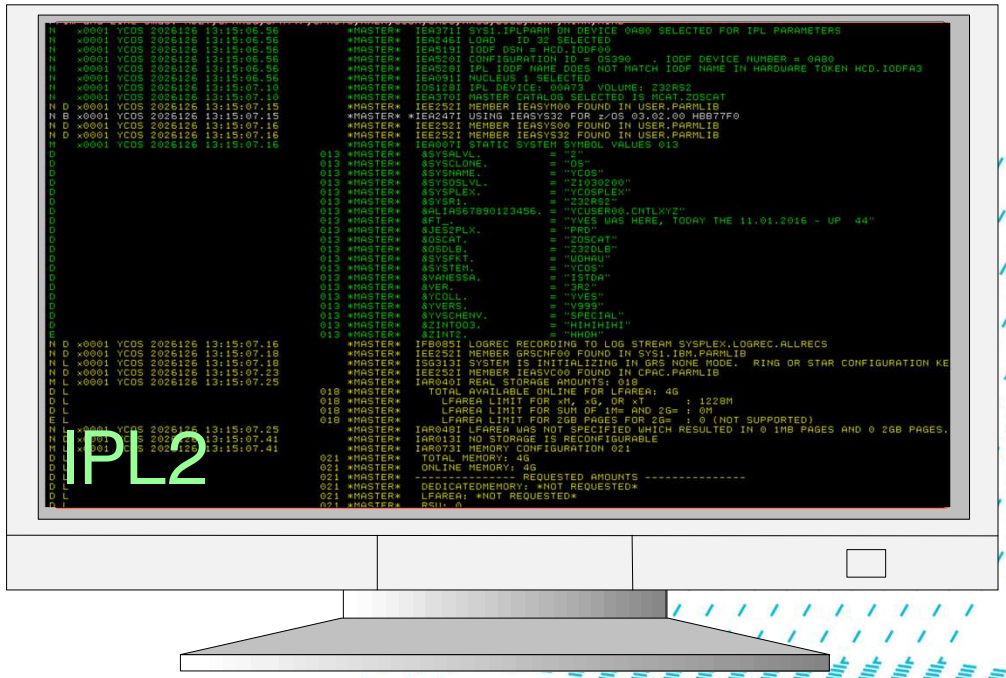
- Der Vergleich von IPLs ist eine mühsame Aufgabe! Die IPL Compare Funktion – schon ausgerollt in der Version 3.1 – wurde deutlich verbessert
  - Leichter Einstieg über die Dataset-Liste
  - Vergleich von IPL Parameter und Parmlib Members
  - Vergleich Zusammenfassung für Commands und IPL Informationen
  - Die Informationen werden in den Unix System Services als HTML Files hinterlegt und können per Apache Server angezeigt werden



IPL Compare



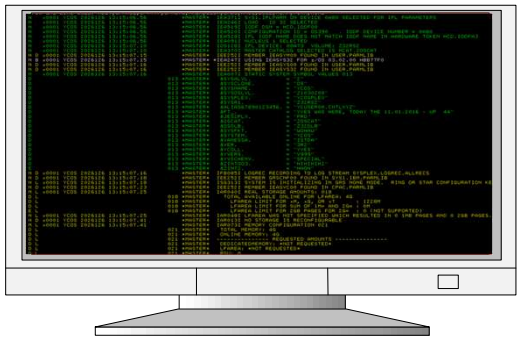
??



- IPL Messages / Commands / Parameters / IPLPARM / PARMLIB

  Problems: Multilines – same messages from many different address spaces...

Base/Previous IPL (1)



Run Operlog for previous IPL Date/Time
- **Select internally date/time**
- **Use Message Start / End given**

Collect IPL Infos
- **IPL Parameters**
- **IPLPARM and PARMLIB**

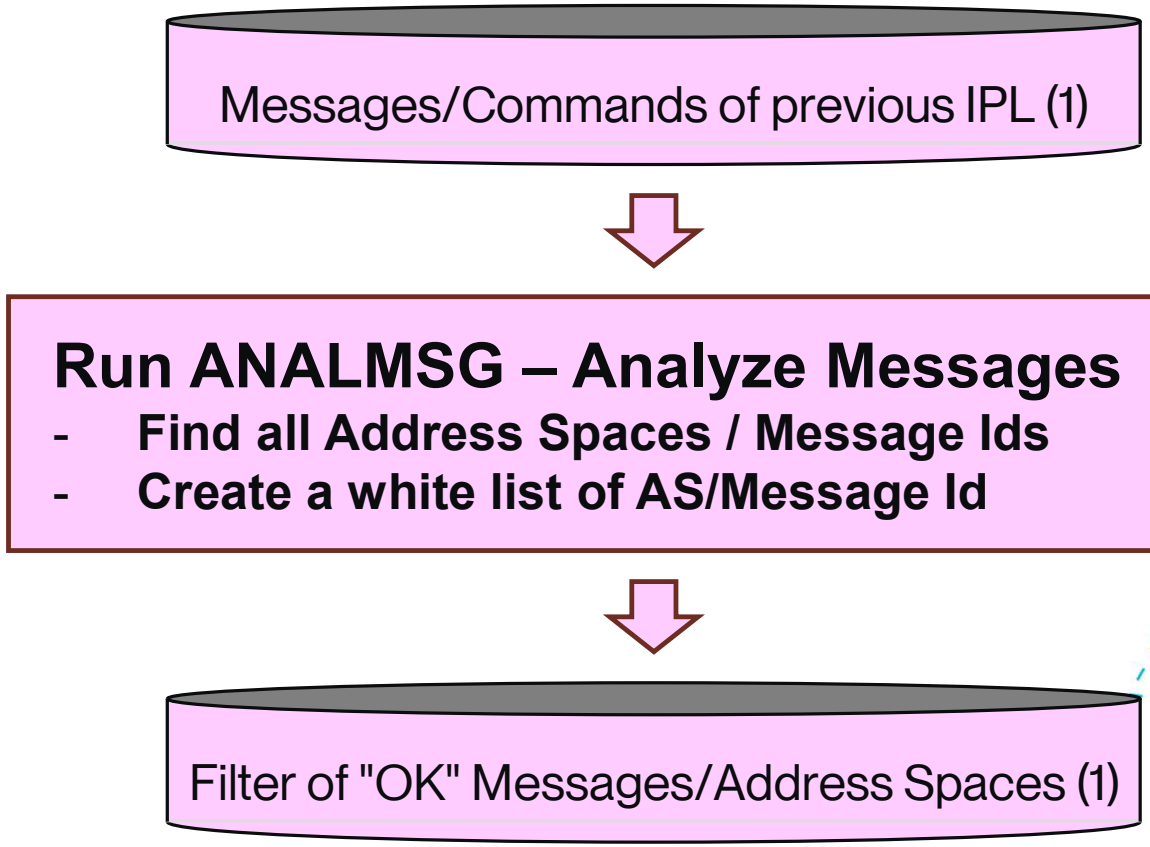
Messages/Commands of previous IPL (1)

IPL information (1)

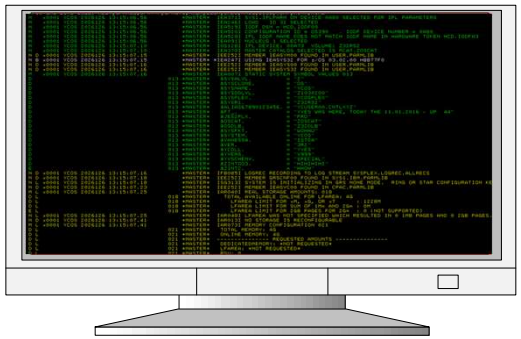
- All IPL Messages and Commands

  from Message start: IEA371I and Message end: for instance +CWWKF0011

Analyze messages previous IPL (1)



Current IPL (2)



Run Operlog for current IPL Date/Time
- **Select internally date/time**
- **Use Message Start / End given**

Collect IPL Infos
- **IPL Parameters**
- **IPLPARM and PARMLIB**

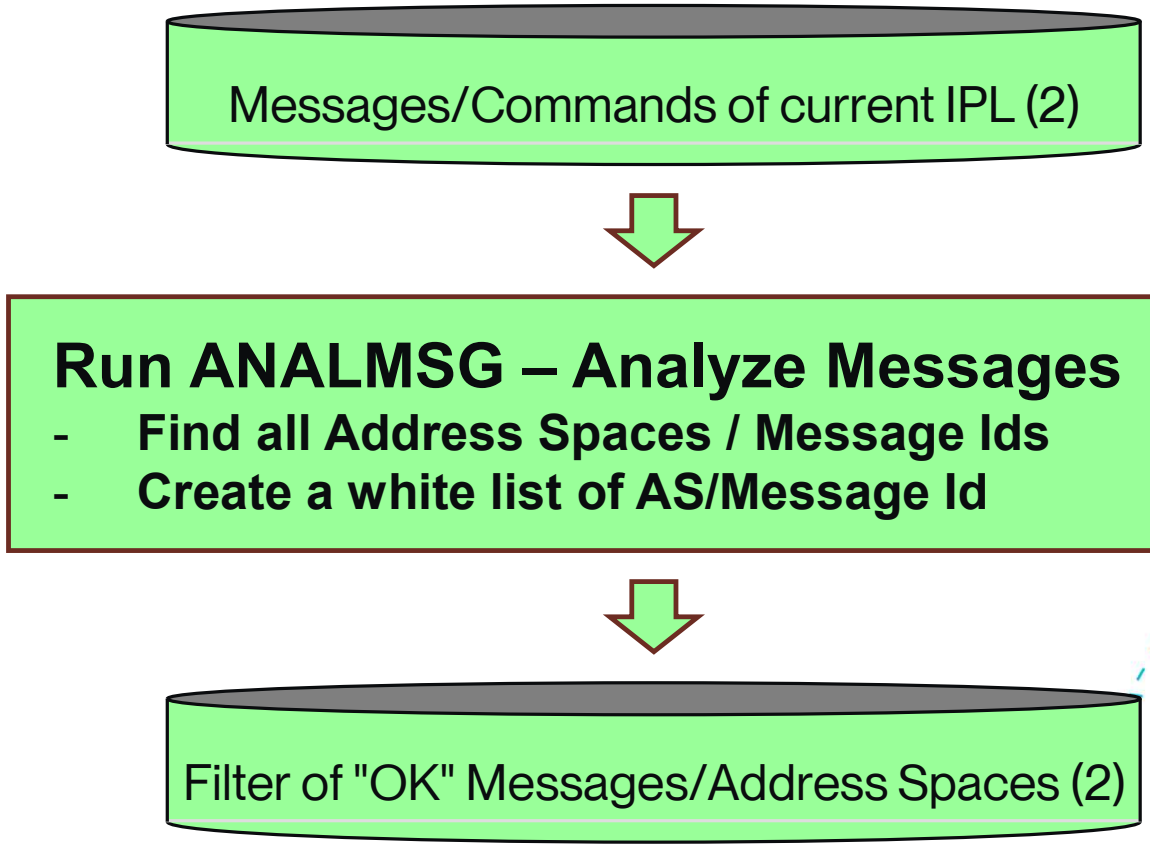
Messages/Commands of current IPL (2)

IPL information (2)

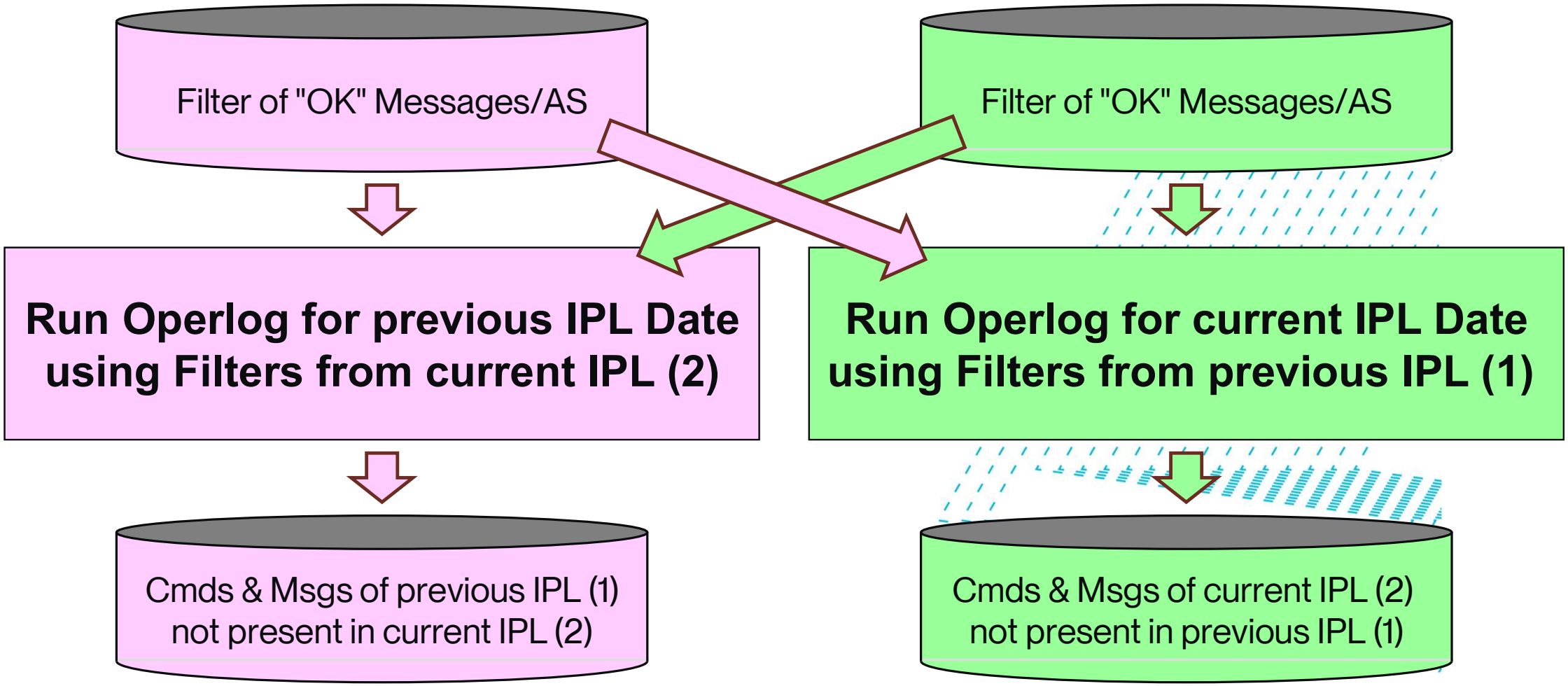
- All IPL Messages and Commands

  from Message start: IEA371I and Message end: +CWWKF0011 (example)

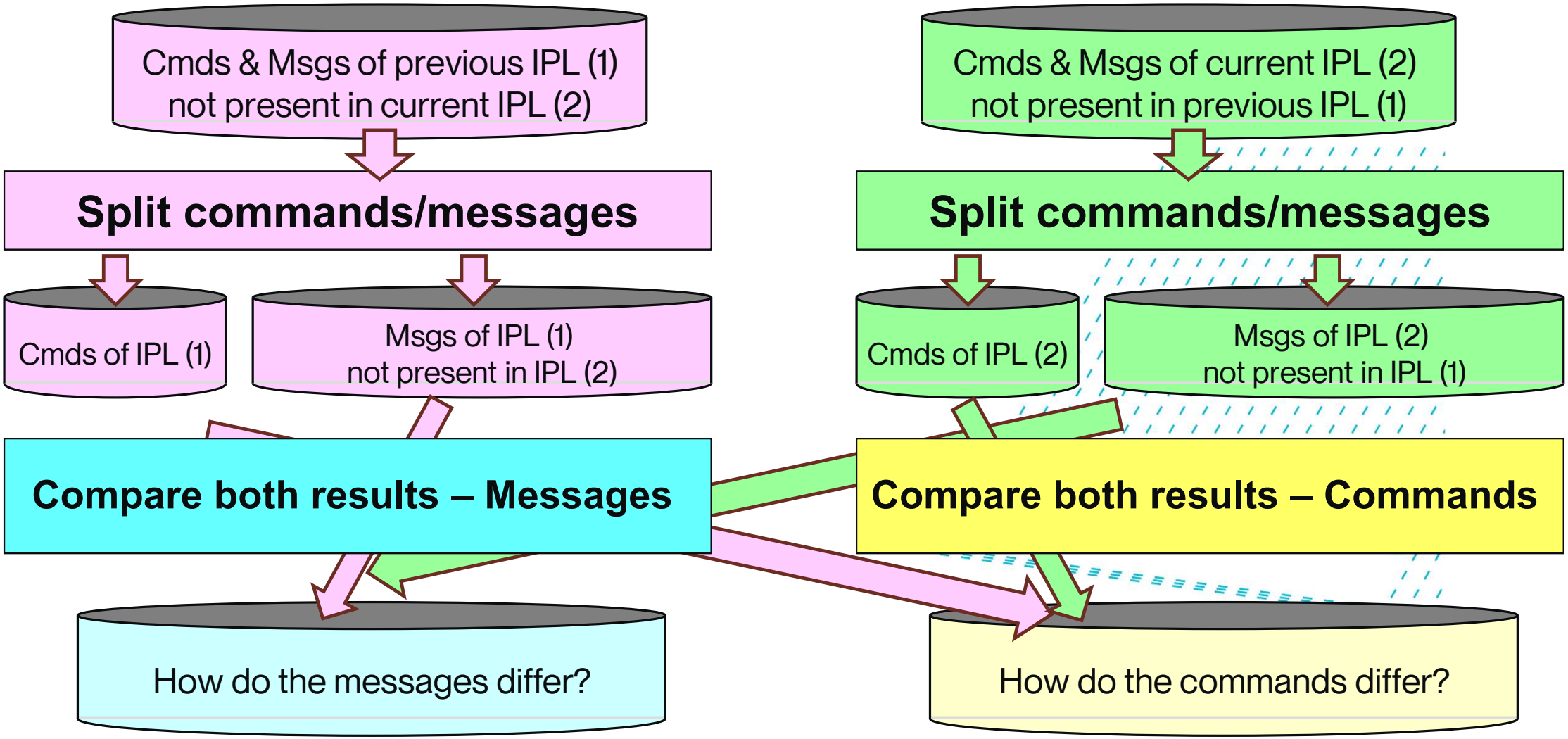
Analyze messages current IPL (2)



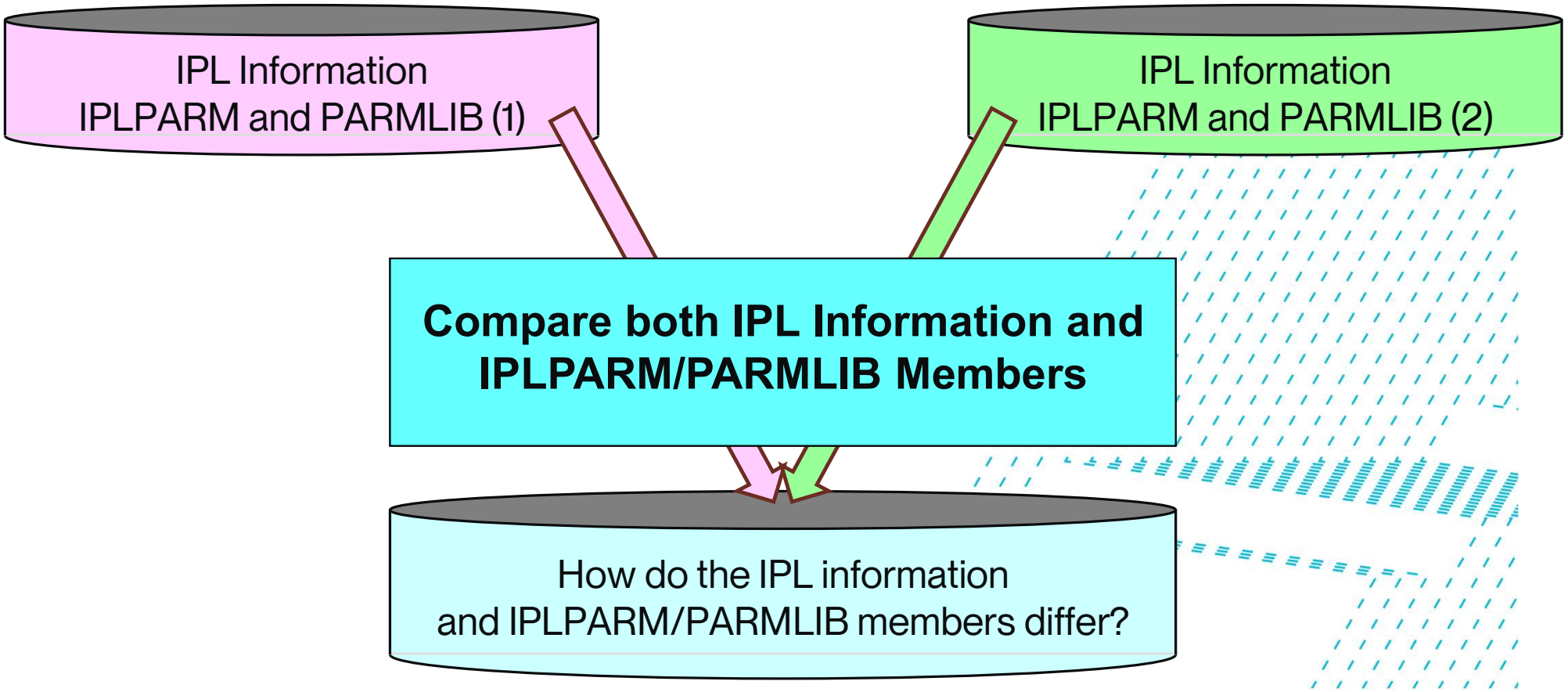
Start compare – reduce



Split and compare messages and commands



Compare IPL information and IPLPARM/PARMLIB members



Datasets produced

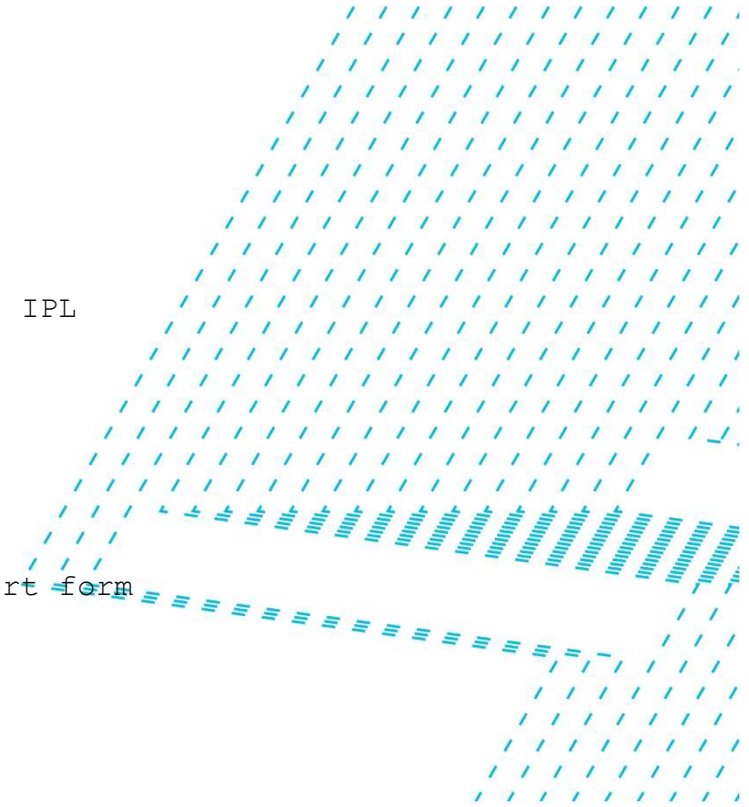
- The HLQ – High Level Qualifier – will be given with the Job/Stc

  ```
  //     SET HLQ=MYHLQ.OLOG.&SYSNAME.    change as needed
  ```

  for instance – max 22 characters after substitution

- Following datasets will be produced

```
HLQ.Yyyddd.Thhmm.zdddhhmm
     yyddd - year and day of the current IPL
           hhmm - hour and minute of the current IPL
                 dddhhmm - day, hour and minute of the previous IPL
                z = I - information about the comparison
                z = C - command  differences
                z = D - command  differences - short form
                z = M - message  differences
                z = S - IPL System Parameters differences
                z = T - IPL System Parameters differences - short form
```



Information about the comparison

HLQ.Yyyddd.Thhmm.Idddhhmm

```
VIEW       YCOS01.OLOG.YCOS.Y26125.T1332.I0751450
Command ===> _
****** ********************************************************************** Top o
000001 Beta Systems Operlog Manager - Compare IPL Statistics 05/05/26 - 13:45:44
000002 ========================================================================
000003
000004 System           : YCOS
000005 Current IPL
000006             Date: 26.125 - 05/05/26
000007             Time: 13:32:18
000008 Previous IPL
000009             Date: 26.075 - 16/03/26
000010             Time: 14:50
000011 Compare previous: -0 generation. -0 last, -1 prev...
000012 HLQ              : YCOS01.OLOG.YCOS
000013 MSGSTART         : IEA371I
000014 MSGEND           : +CWWKF0011
000015
000016 ------------------------------------------------------------------------
000017
000018 Jobname          : OPLGTOOL
000019 Jobid            : JOB00045
000020 User             : YCOS01
000021 JES XCF Group    : N1
000022
000023 ------------------------------------------------------------------------
000024
000025 Hardware         : ISVHOST1
000026 LPAR             :
000027 VM User          : YCOSZOS
000028 IPL Parameters   : SYS1.IPLPARM
000029 Parameter Device: 0A80
000030 IODF             : 00 HCD
000031 SYSPARM          : 32
000032 IEASYM           : 00
000033
000034 ------------------------------------------------------------------------
000035
000036 RESULT OF COMPARE MESSAGES:
000037 YCOS01.OLOG.YCOS.Y26125.T1332.M0751450
000038
000039 MESSAGES ARE DIFFERENT - REVIEW
000040
000041 Dataset YCOS01.OLOG.YCOS.D26075.T1450.M1251332 - 10 Messages
000042 Dataset YCOS01.OLOG.YCOS.D26125.T1332.M0751450 - 33 Messages
000043
000044 ------------------------------------------------------------------------
000045
000046 RESULT OF COMPARE COMMANDS:
000047 YCOS01.OLOG.YCOS.Y26125.T1332.C0751450
000048
000049 COMMANDS ARE DIFFERENT - REVIEW
000050
000051 Dataset YCOS01.OLOG.YCOS.D26075.T1450.C1251332 - 52 Commands
000052 Dataset YCOS01.OLOG.YCOS.D26125.T1332.C0751450 - 53 Commands
000053
```


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Command differences

HLQ.**Yyyddd**.**Thhmm**.**Cdddhhmm**

```
VIEW       YCOS01.OLOG.YCOS.Y26126.T1315.C1251332
Command ===> _
****** ***************************************************************** Top of Data **************************
000001 1  ISRSUPC    -    MVS/PDF FILE/LINE/WORD/BYTE/SFOR COMPARE UTILITY- ISPF FOR z/OS          2026/09/10  13.53
000002  NEW: YCOS01.OLOG.YCOS.D26126.T1315.C1251332                    OLD: YCOS01.OLOG.YCOS.D26125.T1332.C1261315
000003
000004                          LISTING OUTPUT SECTION (LINE COMPARE)
000005
000006  ID        SOURCE LINES
000007      ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8----+----9----+---100
000008        NC  x0001 YCOS 2026126 13:15:28.64 INTERNAL *MASTER*  SET PFK=00                    INTERNALLY ISSUED B
000009        NC  x0001 YCOS 2026126 13:15:28.71 INTERNAL *MASTER*  T MPF=(00)
000010        NC  x000A YCOS 2026126 13:15:28.71 INTERNAL CONSOLE   K N,PFK=PFKTAB1,L=YCOS700    INTERNALLY ISSUED
000011        NC  x0001 YCOS 2026126 13:15:28.81 INTERNAL *MASTER*  MN DSNAME
000012        NC  x0001 YCOS 2026126 13:15:28.81 INTERNAL *MASTER*  CHNGDUMP SET,SDUMP=(LSQA,TRT,XESDATA),ADD
000013        NC  x0001 YCOS 2026126 13:15:28.81 INTERNAL *MASTER*  SET SLIP=00
000014        NC  x0001 YCOS 2026126 13:15:28.83 INTERNAL *MASTER*  SET DAE=00
000015        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  START LLA,SUB=MSTR,REUSASID=YES
000016        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  START BLSJPRMI,SUB=MSTR
000017        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  START IFGEDI,SUB=MSTR
000018        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  START HZR,SUB=MSTR
000019        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S VLF,SUB=MSTR
000020        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S JES2,PARM='COLD,NOREQ'
000021        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  DD ADD,VOL=ZWRK01
000022        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  DD NAME=DMP.&SYSNAME..DMP&SEQ
000023        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  DD ALLOC=ACTIVE
000024        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  DD ALLOC=ACTIVE
000025        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S EZAZSSI,P=&SYSNAME.
000026        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S EZAZSSI,P=YCOS
000027        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S VTAM
000028        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  V 701,ONLINE
000029        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S VTAM00
000030        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S EPWFFST.FFST,SUB=MSTR
000031        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  S IRRDPTAB
000032        NC  x0001 YCOS 2026126 13:15:28.85 INTERNAL *MASTER*  T PROG=EX
000033        NC  x0001 YCOS 2026126 13:15:28.87 INTERNAL *MASTER*  SETPROG DEFAULTS,LPA,ADDALIAS
000034        NC  x0001 YCOS 2026126 13:15:28.87 INTERNAL *MASTER*  S ICSF
000035        NC  x0001 YCOS 2026126 13:15:29.90 INTERNAL *MASTER*  START RACF,SUB=MSTR,REUSASID=YES
000036        NC  x0016 YCOS 2026126 13:15:33.14 INTERNAL IXGLOGR   DISPLAY LOGGER,IXGCNF
000037  I -   NC  x000A YCOS 2026126 13:15:41.55 YCOS700  CONSOLE   D DIAG
000038        NC  x000A YCOS 2026126 13:15:57.77 YCOS700  CONSOLE   R 2,Y
000039        NI  x0023 YCOS 2026126 13:16:13.94 STC00004 VTAM00    S SDSF,ASCBV31=YES,REUSASID=YES
000040        NI  x0023 YCOS 2026126 13:16:18.95 STC00004 VTAM00    S TCPIP,REUSASID=YES
000041        NI  x0023 YCOS 2026126 13:16:23.95 STC00004 VTAM00    S TN3270,REUSASID=YES
000042        NI  x0023 YCOS 2026126 13:16:28.95 STC00004 VTAM00    S J2CMD
000043        NI  x0023 YCOS 2026126 13:16:28.96 STC00004 VTAM00    S TSO
000044        NC  x003A YCOS 2026126 13:16:29.46 ZOSUSERY J2CMD     $D LIMITS
000045        NC  x003A YCOS 2026126 13:16:31.05 ZOSUSERY J2CMD     $T LIMITS,PRIV=OFF
000046        NC  x003A YCOS 2026126 13:16:32.76 ZOSUSERY J2CMD     $T LIMITS,PRIV=ON,SMALLENV=ON
000047  I -   NI  x0038 YCOS 2026126 13:16:33.37 STC00022 TCPIP     S FTPD
000048        NI  x0023 YCOS 2026126 13:16:34.00 STC00004 VTAM00    S SSHD
000049        NI  x0023 YCOS 2026126 13:16:34.00 STC00004 VTAM00    S RMF,RMF
```


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Commands differences – short form

HLQ.Yyyddd.Thhmm.Ddddhhmm

```
VIEW       YCOS01.OLOG.YCOS.Y26126.T1315.D1251332
Command ===> _
****** ********************************************************************** Top of Data ***************************
000001 1  ISRSUPC    -    MVS/PDF FILE/LINE/WORD/BYTE/SFOR COMPARE UTILITY- ISPF FOR z/OS          2026/09/10  13.53
000002  NEW: YCOS01.OLOG.YCOS.D26126.T1315.C1251332                    OLD: YCOS01.OLOG.YCOS.D26125.T1332.C1261315
000003
000004                        LISTING OUTPUT SECTION (LINE COMPARE)
000005
000006  ID        SOURCE LINES
000007       ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8----+----9----+---100--
000008       - - - - - - - - - - - - - - - - - - - -  29 lines excluded - - - - - - - - - - - - - - - - - - - - -
000009  I -   NC   x000A YCOS 2026126 13:15:41.55 YCOS700  CONSOLE    D DIAG
000010       - - - - - - - - - - - - - - - - - - - -  9 lines excluded - - - - - - - - - - - - - - - - - - - - -
000011  I -   NI   x0038 YCOS 2026126 13:16:33.37 STC00022 TCPIP      S FTPD
000012       - - - - - - - - - - - - - - - - - - - -  4 lines excluded - - - - - - - - - - - - - - - - - - - - -
000013  D -   NI   x0038 YCOS 2026125 13:33:23.23 STC00022 TCPIP      S FTPD
000014       - - - - - - - - - - - - - - - - - - - -  3 lines excluded - - - - - - - - - - - - - - - - - - - - -
000015  I -   NC   x003B YCOS 2026126 13:16:43.01 INSTREAM TSO       LOGON
000016       - - - - - - - - - - - - - - - - - - - -  6 lines excluded - - - - - - - - - - - - - - - - - - - - -
000017  D -   NC   x003B YCOS 2026125 13:34:58.30 INSTREAM TSO       LOGON
000018 1  ISRSUPC    -    MVS/PDF FILE/LINE/WORD/BYTE/SFOR COMPARE UTILITY- ISPF FOR z/OS          2026/09/10  13.53
000019  NEW: YCOS01.OLOG.YCOS.D26126.T1315.C1251332                    OLD: YCOS01.OLOG.YCOS.D26125.T1332.C1261315
000020
000021                          LINE COMPARE SUMMARY AND STATISTICS
000022
000023         51 NUMBER OF LINE MATCHES                5  TOTAL CHANGES (PAIRED+NONPAIRED CHNG)
000024          0 REFORMATTED LINES                     0  PAIRED CHANGES (REFM+PAIRED INS/DEL)
000025          3 NEW FILE LINE INSERTIONS              3  NON-PAIRED INSERTS
000026          2 OLD FILE LINE DELETIONS               2  NON-PAIRED DELETES
000027         54 NEW FILE LINES PROCESSED
000028         53 OLD FILE LINES PROCESSED
000029
000030  LISTING-TYPE = LONG        COMPARE-COLUMNS =    46:191        LONGEST-LINE = 150
000031  PROCESS OPTIONS USED: LONGLN
000032
000033  THE FOLLOWING PROCESS STATEMENTS (USING COLUMNS 1:72) WERE PROCESSED:
000034     CMPCOLM 46:191
000035     LNCT 9999
```

Message differences

HLQ.**Yyyddd**.**Thhmm**.**M**ddd**hhmm**

```
VIEW        YCOS01.OLOG.YCOS.Y26126.T1315.M1251332                                                
```

IPL System Parameters differences

HLQ.Yyyddd.Thhmm.Sdddhhmm

```
VIEW       YCOS01.OLOG.YCOS.Y26126.T1315.S1251332
Command ===> _
****** ********************************************************************** Top of Da
000001 1  ISRSUPC    -    MVS/PDF FILE/LINE/WORD/BYTE/SFOR COMPARE UTILITY- ISPF FOR z/O
000002  NEW: YCOS01.OLOG.YCOS.D26126.T1315.PARMLIB                    OLD: YCOS01.OLOG.
000003
000004                          LISTING OUTPUT SECTION (LINE COMPARE)
000005
000006  ID        SOURCE LINES
000007       ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----
000008       Param    Value                                          Member   From
000009       -------- ---------------------------------------------- -------- --------
000010       ALLOC    00                                             ALLOC    IEASYS00
000011       AUTOR    00                                             AUTOR    Default
000012       AXR      00                                             AXR      Default
000013       BOOST    SYSTEM                                                  Default
000014       CATALOG  00                                             IGGCAT   Default
000015       CEA      00                                             CEAPRM   Default
000016       CLOCK    00                                             CLOCK    IEASYS00
000017       CLPA                                                    IEASYS00
000018       CMB      (UNITR,COMM,GRAPH,CHRDR)                       IEASYS00
000019       CMD      00                                             COMMND   IEASYS00
000020       CON      00                                             CONSOL   IEASYS00
000021       COUPLE   00                                             COUPLE   IEASYS00
000022       CRYPCTRS SYSTEM                                                  Default
000023       CSA      (600,64000)                                    IEASYS00
000024       CSCBLOC  ABOVE                                          Default
000025  I -  DIAG     32                                             DIAG     IEASYS32
000026  D -  DIAG     YY                                             DIAG     IEASYS32
000027       DUMP     NO                                             IEASYS00
000028       GRS      NONE                                           IEASYS00
000029       GRSCNF   00                                             GRSCNF   Default
000030       HVCOMMON 64G                                            Default
000031       HVSHARE  510T                                           Default
000032       HZSPROC  HZS                                            IEASYS32
000033       IKJTSO   YC                                             IKJTSO   IEASYS32
000034       ILMLIB   SYS1.ILMLIB.SYCOS                              Default
000035       IQP      00                                             IQPPRM   Default
000036       IXGCNF   YC                                             IXGCNF   IEASYS32
000037       LFAREA   0M                                                      Default
000038       LICENSE  z/OS                                           IEASYS00
000039       LNK      00                                             LNKLST   Default
000040       LNKAUTH  APFTAB                                         IEASYS00
000041       LOGCLS   L                                              IEASYS00
000042       LOGLMT   999999                                         IEASYS00
000043       LOGREC   LOGSTREAM                                      IEASYS00
000044       LPA      32                                             LPALST   IEASYS32
000045       MAXCAD   50                                                      Default
000046       MAXUSER  250                                            IEASYS00
000047       MLPA     00                                             IEALPA   IEASYS00
000048       MSTRJCL  00                                             MSTJCL   IEASYS00
000049       NSYSLX   165                                                     Default
000050       OMVS     (00,32,US)                                     BPXPRM   IEASYS32
000051       OPI      YES                                                     Default
000052       OSPROTEC SYSTEM                                                  Default
000053  I -  PAGE     (PAGE.YCOS.PLPA,                                        IEASYS00
000054  D -  PAGE     (PAGE.YCOS.PLPA,
```


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IPL System Parameters differences – short form

HLQ.**Yyyddd**.**Thhmm**.**T**dddhhmm

```
VIEW       YCOS01.OLOG.YCOS.Y26126.T1315.T1251332                                                                Columns 00001 00152
Command ===> _                                                                                                    Scroll ===> CSR
****** ********************************************************************** Top of Data ***********************************************************************
000001 1  ISRSUPC    -    MVS/PDF FILE/LINE/WORD/BYTE/SFOR COMPARE UTILITY- ISPF FOR z/OS          2026/09/10  13.53    PAGE     1
000002  NEW: YCOS01.OLOG.YCOS.D26126.T1315.PARMLIB                    OLD: YCOS01.OLOG.YCOS.D26125.T1332.PARMLIB
000003
000004                       LISTING OUTPUT SECTION (LINE COMPARE)
000005
000006  ID       SOURCE LINES
000007      ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8----+----9----+---100---+----1----+----2----+----3----+----4----+--
000008      Param    Value                                          Member   From
000009      -------- ---------------------------------------------- -------- --------
000010      - - - - - - - - - - - - - - - - - - -  15 lines excluded - - - - - - - - - - - - - - - - - - -
000011  I - DIAG     32                                             DIAG     IEASYS32
000012  D - DIAG     YY                                             DIAG     IEASYS32
000013      - - - - - - - - - - - - - - - - - - -  26 lines excluded - - - - - - - - - - - - - - - - - - -
000014  I - PAGE     (PAGE.YCOS.PLPA,                                        IEASYS00
000015  D - PAGE     (PAGE.YCOS.PLPA,
000016  I - PAGE      PAGE.YCOS.COMMON,                                      IEASYS00
000017  D - PAGE      PAGE.YCOS.COMMON,
000018  I - PAGE      PAGE.YCOS.LOCAL1,                                      IEASYS00
000019  D - PAGE      PAGE.YCOS.LOCAL1,
000020  I - PAGE      PAGE.YCOS.LOCAL2,                                      IEASYS00
000021  D - PAGE      PAGE.YCOS.LOCAL2,
000022  I - PAGE      PAGE.YCOS.LOCAL3,                                      IEASYS00
000023  D - PAGE      PAGE.YCOS.LOCAL3,
000024  I - PAGE      PAGE.YCOS.LOCAL4)                                      IEASYS00
000025  D - PAGE      PAGE.YCOS.LOCAL4)
000026      - - - - - - - - - - - - - - - - - - -  25 lines excluded - - - - - - - - - - - - - - - - - - -
000027  I - SYS1.IPLPARM(LOAD32)                                    ZOSCAT V01.M00 Cre:2025.323 Mod:2025.323 10:26:02 Lines:   11 Init:   11 Mod:    0 Userid:SVA
000028      ------------------------------------------------------------------------------------------------
000029      - - - - - - - - - - - - - - - - - - -  0 lines excluded - - - - - - - - - - - - - - - - - - -
000030  I -   IODF     00 HCD
000031  I -   SYSCAT   ZOSCAT113CMCAT.ZOSCAT
000032  I -   SYSPARM  32
000033  I -   IEASYM   00
000034  I -   INITSQA  0000K 2048K
000035  I -   PARMLIB  USER.PARMLIB                                    ZOSCAT
000036  I -   PARMLIB  SYS1.PARMLIB                                    ******
000037  I -   PARMLIB  CPAC.PARMLIB                                    ******
000038  I -   PARMLIB  SYS1.IBM.PARMLIB                               ******
000039  I -   NUCLEUS  1
000040  I -   SYSPLEX  YCOSPLEX
000041  I - USER.PARMLIB(IEASYM00)                                  ZOSCAT V01.M28 Cre:2019.302 Mod:2025.342 15:11:32 Lines:   20 Init:    9 Mod:    0 Userid:YVE
000042  I - ------------------------------------------------------------------------------------------------
000043  I -   /* SETLOAD IPL,IEASYM    */
000044  I -   SYSDEF  SYSNAME(YCOS)
000045  I -            SYSCLONE(OS)
```

All information also created as HTML in USS

Overview of System IPLs
analyzed by Operlog Tools

System YCOS - Sysplex YCOSPLEX

List of all IPLs of YCOS in Sysplex YCOSPLEX
analyzed by Operlog Tools

IPL Date and time	Elapsed	Hardware	VMUSERID	IPL
IPL date 06.05.26 time 13:15:28 - day 126	00:03:18.59	ISVHOST1	YCOSZC	SYS1

← Back to parmlib

```
USER.PARMLIB(DIAG32) ZOSCAT V01.M05 Cre:2026.005 Mod:2026.174 09:31:30 Lines: 14 Init: 8 Mod: 0 Userid:YVES
Parameter
  /* YCOSDESC: CHAPTER 03 Z/ARCHITECTURE 64BIT  MICHA      */
  /* ASCB ABOVE THE BAR - CONTROL BLOCKS OVER THE LINE     */
  VSM TRACK CSA(ON) SQA(ON)
  VSM TRACE GET(OFF) FREE(OFF)
  VSM NEUTRALZONE(56K,1M)
  REUSASID(YES)
  AUTOIPL SADMP(NONE) MVS(LAST)
  CBLOC
    VIRTUAL31(IHAASVT)
    VIRTUAL31(IHARMPL)
    VIRTUAL31(IHAXTLST)
    VIRTUAL31(IEFMASTERSWA)
    VIRTUAL31(IHAACEE3PTY)
  ASCBV31(YES)
```

Parameter Overview System YCOS Sysplex YCOSPLEX
IPL 26.126 - 06/05/26 - 13:15:28
IPL end 2026126 13:18:25.15 - IPL Duration: 00:03:18.59
Message start:IEA371I
Message end :+CWWKF0011

→ goto summary

Information	Value
Hardware	ISVHOST1
VMUSERID	YCOSZOS
IPL Parms	SYS1.IPLPARM
Parm Device	0A80
Parm Volume	ZOSCAT
Load Parm	0A8032 1
LOADxx member	32
IPL Dev	0A73
IPL Volume	Z32RS2
IPL Subch	00
IODF	HCD.IODF00
SYSPARM	32
IEASYM	00
Master catalog	MCAT.ZOSCAT ZOSCAT
z/OS Version	03.02.00
Parmlib Datasets	USER.PARMLIB ZOSCAT
	SYS1.PARMLIB Z32RS2
	CPAC.PARMLIB Z32RS2
	SYS1.IBM.PARMLIB Z32RS2

Pa	Value	Member	From
ALLOC	00	ALLOC	IEASYS00
AUTOR	00		Default

Operlog Tools



Operlog Tools v3.2 – News
OTXT und XTXT Support

- Während der Anzeige der Daten können schon heute die Messages ausgewählt/exkludiert werden:
  XMSG/OMSG: nach Message Id
  XTYP/OTYP: nach Message Suffix
  XSYS/OSYS: nach System Namen
  OCON: nach Console Namen
- Support von OTXT und XTXT für die Auswahl/Exklusion von Text Messages im Editor
  Support für REGEX und PICTURE Strings
  Und natürlich auch für Multiline Messages



Operlog Tools v3.2 – News
OTXT und XTXT Support – Editor Picture String

```
P'='  beliebiges Zeichen
P'@'  alphabetisch - deutsch §
P'#'  numerisch
P'$'  spezial
P'^'  kein Leerzeichen
P'.'  "unsichtbar"
P'-'  nicht numerisch
P'<'  Kleinbuchstaben
P'>'  Großbuchstaben
```

F P'yv=s'
suchen nach yv, 1 beliebigen Zeichen und s
Samples yv**e**s oder yv**1**s oder Yv**Z**s

F P'co=§iard'
suchen nach co, 1 beliebigen, 1 alphabetischen Zeichen und iard
Samples co**ll**iard oder co3liard oder CozLiard

F P'yv#sc'
suchen nach yv, 1 numerischen Zeichen und s
Samples yv**1**sc oder **Yv0SC**

Operlog Tools v3.2 – News
OTXT und XTXT Support – Editor Regular Expression

R'regexp' and **RC'regexp_case_sens'**

. single character
yv.s -> yves

***** zero or many instances of previous character
col*iard -> coiard, coliard, colliard, collliard …

? zero or one instance of previous character
col?iard -> coliard, colliard

+ one or many instances of previous character
col+iard -> coliard, colliard…

[ ] list of possible characters
c[aio]lliard -> calliard, cilliard, colliard

[-] list of possible characters within a range
c[a-d]lliard -> calliard, cblliard, cclliard, cdlliard

[^] list of not possible characters
c[^aio]lliard -> all but not: calliard, cilliard, colliard

{exact} {min,max} {min,} number of times an expression must be given *(Exact, Min/Max, Min no Max)*
c[ol]{2}liard -> cooliard, colliard, cllliard, cloliard
c[ol]{2,3}liard -> cooliard, coooliard…
c[ol]{2,}liard -> cooliard, coooliard, cooooliard…

| OR condition
yves|colliard -> yves or colliard

( ) group
([0-9]|[A-F]){2} -> 0A, A0, 9F, F9…

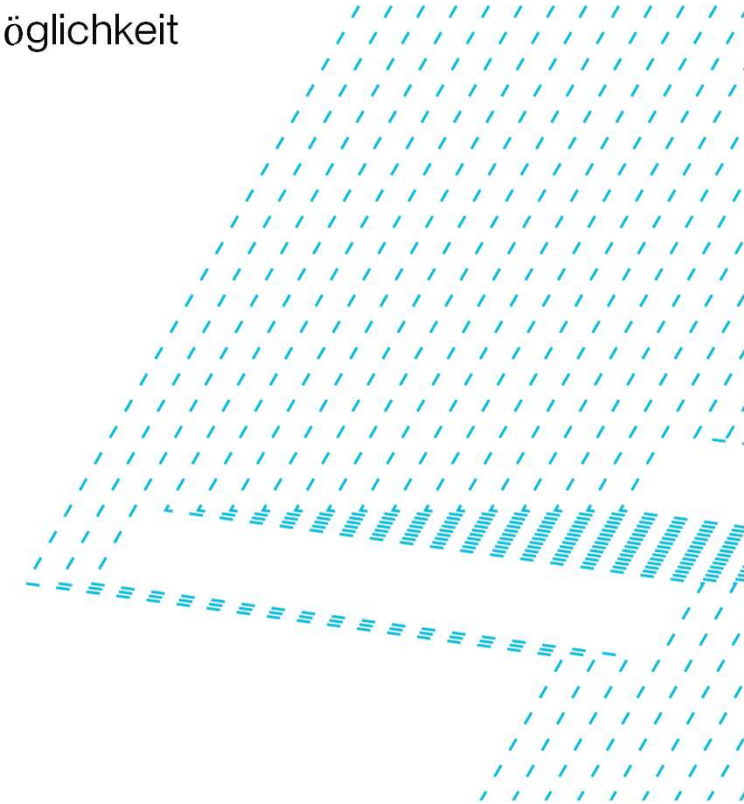
**** escape – next character is data and not an expression
\+yves -> +yves

Operlog Tools



Operlog Tools v3.2 – News
z/OSMF interface

- Zusätzliches z/OSMF-Interface als Erweiterung zur aktuellen TSO/ISPF Möglichkeit
  Einfacher Zugang für Mitarbeiter/Mitarbeiterinnen, die wenig 3270 Kenntnisse besitzen
  Erster Schritt Richtung weitere Funktionalitäten, die eine Web (oder ähnliche) API benötigen
- Übernahme der User- und Group-Filter für das z/OSMF-Interface

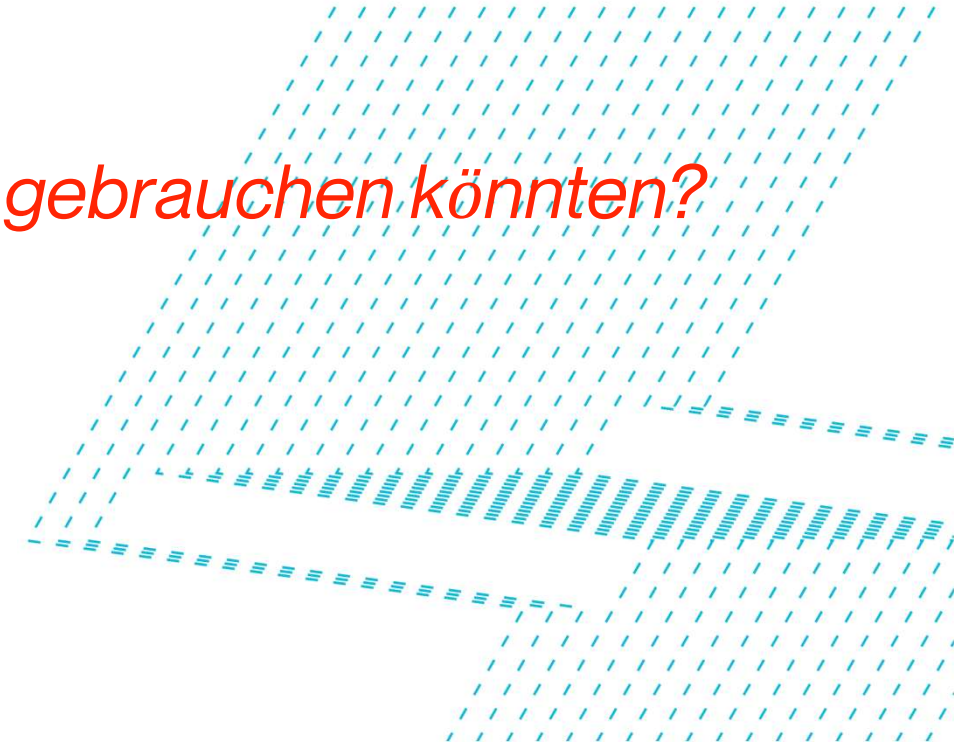


Operlog Tools z/OSMF Hands-on



Online Demo

- Feedback
  - *Sind das Funktionen, die Sie mal gebrauchen könnten?*
  - *Bemerkungen und Fragen?*
  - *Lust auf eine Testinstallation?*



Beta Systems Operlog Tools

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