IMS Tools Knowledge Base V1.1

The foundation of IBM's autonomic direction for IMS Tools

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Agenda

- **IMS Tools autonomic direction**

- **Business challenges addressed in Phase 1**

- **Overview of IMS Tools Knowledge Base (ITKB) V1.1**

- **IMS Tools enablement plan**

- **Summary**

- **Questions and discussion**

Today's IMS Business Challenges

- Problem determination is time and resource intensive

- Expert skills are spent ascertaining when a problem took place rather than figuring out how to fix it

- Expert skills are too expensive to be spent on repetitive tasks
  - Installing and Customizing Tools
  - Tailoring JCL

- DBA resources are expensive and dwindling

- Unanticipated problems may result in downtime and loss of revenue

- Increased burden of system management and maintenance

- Time and resources are not available for developing new applications, pursuing new technologies, and growing business

IMS Tools today…

Database administration

IMS Transaction management

Utilities management

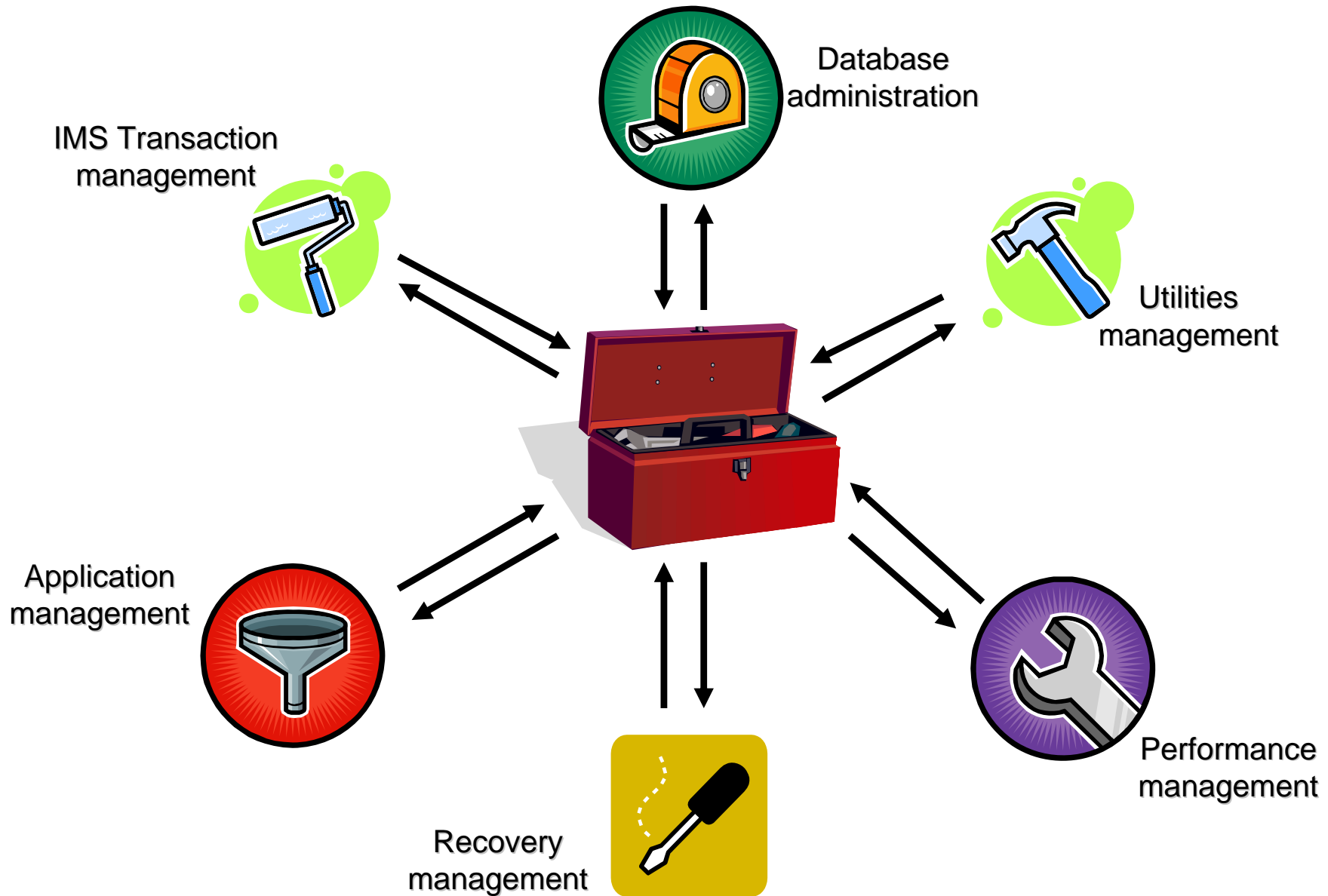Lots of powerful Tools but they don't all share what they know

Application management

Performance management

Recovery management

Enter the IMS Tools Knowledge Base

- Database administration
- IMS Transaction management
- Utilities management
- Application management
- Performance management
- Recovery management

Business Challenges Addressed in Version 1

- **The Issues...**

  - Problem determination and space management are time and resource intensive

  - Expert skills are spent ascertaining when a problem took place rather than figuring out how to fix it

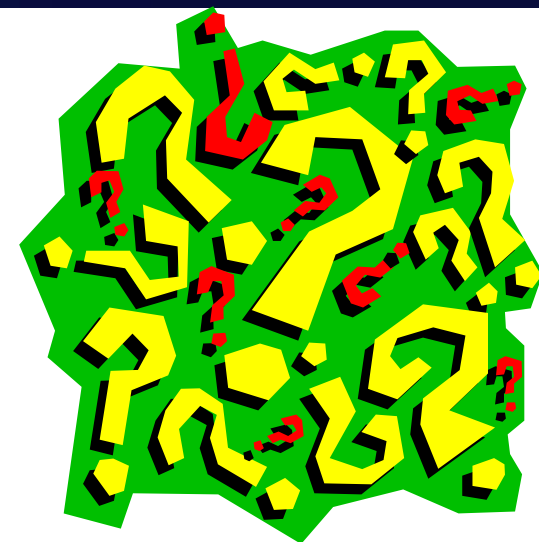- **The IMS Tools Knowledge Base Solution...**

  √ Report data from multiple tools in one location

  √ Reports are organized and able to be searched and sorted

  √ Quickly use the Knowledge Base to query all activity at a given point in time or over a range of dates

  √ One standard starting point for historical investigation

Output Repository

- **Individual reports are stored in the repository by IMS Tools products**

  – Reports are retained based on user defined criteria.

- **One Output Repository is shared by all IMS Tools across a SYSPLEX**

- **Flexible report search and viewing facilities**

Output Repository

- **Enhancing the user experience with IMS Tools**
  - Single source
    - Where is my report?
  - Easy to use search capabilities
    - Find, Filter, Time Ranges
  - History for analysis
    - What did Space Monitor report the last time I ran it against this database? Last month? Six months ago?
  - History of actions
    - Did I run Pointer Checker against this database recently?
    - Was this database reorganized last month?

Turning islands of data into useful information!

Finding and viewing reports…a look at the product

- **Main menu**

- **Finding reports by Job**

- **Viewing all reports available**

- **Finding reports using your own selection criteria**

- **Finding reports from the 'recently viewed reports' list**

Administration Help
_____

SERVER: FPQJSP01   IMS Tools Knowledge Base   Ver 1.1.0
Option ===> 4_____ _

Select an option or press END to exit.

*Knowledge Base Server Name FPQJSP01
 Recon ID . . . . _____   *History (y/n) Y

Display Database Report Output
1 List of databases with reports
2 List of DDnames with reports
3 List of IMS Systems with reports
4 List of Report jobs
5 List of Report types
6 List of Reports
7 List of Products
8 List reports using selection criteria
9 List of all reports available
10 List of recently viewed reports
11 Exit

The server we're
connecting to

We've selected to
review current and
history reports…

SERVER: FPQJSP01   Report Jobs List   Row 1 from 7
Command ===> _____ Scroll ===> PAGE

Select a row action or press END to exit.

Row actions: S - List

| | | | | | Nbr of |
Act	Job Name	Job Nbr	Job Start	User ID	Reports
S _	HI100	00671	20070305 15:12:01	SINMEI	1,100
_	RDDEFRD	00938	20070508 10:23:15	RDEFAL4	1
_	RDHKTIVP	01429	20070515 08:53:49	RDEFAL4	1
_	RDOADRPT	01912	20070406 02:00:22	CDLLD01	3
_	RD0ADRPT	02832	20070331 22:32:01	RDEFAL1	30
_	RD0ADRPT	02833	20070331 22:32:55	RDEFAL1	30
_	URPTIMP	02196	20070426 14:21:12	RDEFAL1	35

******************************** Bottom of data ********************************

View   Help
_____

SERVER: FPQJSP01   Available Reports - Job   Row 1 from 1100
Command ===> _____   Scroll ===> PAGE

Select a row action or press END to exit.

Row actions: S - View J - Job T - Step H - History P - Print D - Delete
             I - Info A - Archive

Act Product   Report   DBD   Area/Part DD   Set
_   HPPC   PC- Run time option DVHI0001   DVHI0001
_   HPPC   PC- Run time option DVHI0002   DVHI0002
_   HPPC   PC- Run time option DVHI0003   DVHI0003
_   HPPC   PC- Run time option DVHI0004   DVHI0004
_   HPPC   PC- Run time option DVHI0005   DVHI0005
_   HPPC   PC- Run time option DVHI0006   DVHI0006
_   HPPC   PC- Run time option DVHI0007   DVHI0007
_   HPPC   PC- Run time option DVHI0008   DVHI0008
_   HPPC   PC- Run time option DVHI0009   DVHI0009
_   HPPC   PC- Run time option DVHI0010   DVHI0010
_   HPPC   PC- Run time option DVHI0011   DVHI0011
_   HPPC   PC- Run time option DVHI0012   DVHI0012
_   HPPC   PC- Run time option DVHI0013   DVHI0013
_   HPPC   PC- Run time option DVHI0014   DVHI0014

View   Help

5 _ 1. Sort   Row 1 from 1100
     2. Reset Sort Sequencing   Scroll ===> PAGE
     3. Find
     4. Find Next   to exit.
     5. Filter
     6. Filter Off   - Step H - History P - Print D - Delete
     7. Order Columns   e
     8. Reset Order
                                                DBD   Area/Part DD   Set
                             option   DVHI0001   DVHI0001
     HPPC   PC- Run time option   DVHI0002   DVHI0002
     HPPC   PC- Run time option   DVHI0003   DVHI0003
     HPPC   PC- Run time option   DVHI0004   DVHI0004
     HPPC   PC- Run time option   DVHI0005   DVHI0005
     HPPC   PC- Run time option   DVHI0006   DVHI0006
     HPPC   PC- Run time option   DVHI0007   DVHI0007
     HPPC   PC- Run time option   DVHI0008   DVHI0008
     HPPC   PC- Run time option   DVHI0009   DVHI0009
     HPPC   PC- Run time option   DVHI0010   DVHI0010
     HPPC   PC- Run time option   DVHI0011   DVHI0011
     HPPC   PC- Run time option   DVHI0012   DVHI0012
     HPPC   PC- Run time option   DVHI0013   DVHI0013
     HPPC   PC- Run time option   DVHI0014   DVHI0014

The View menu is useful
for finding what you want
quickly…no scrolling and
searching required

```
 View  Help
 _____

 SERVER: FPQJSP01            Available Reports - Job          Row 47 from 1100
 Command ===> _____ Scroll ===> PAGE


 Select a row action or press END to exit.


 Row actions: S - View J - Job T - Step H - History P - Print D - Delete
              I - Info A - Archive

 Act Product         Report            DBD        Area/Part DD        Set
 _    HPPC            PC- Run time option   DVHI0047            DVHI0047
 _    HPPC            PC-Bit Map Display    DVHI0047            DVHI0047
 _    HPPC            PC-DB Record Dist     DVHI0047            DVHI0047
 S _  HPPC            PC-DB Stat            DVHI0047
 _    HPPC            PC-Environment        DVHI0047
 _    HPPC            PC-Free Space Map     DVHI0047            DVHI0047
 _    HPPC            PC-HD Data Set Stat   DVHI0047            DVHI0047
 _    HPPC            PC-Interval Free Space DVHI0047           DVHI0047
 _    HPPC            PC-Interval Stat      DVHI0047            DVHI0047
 _    HPPC            PC-Max  Free Space Dist DVHI0047          DVHI0047
 _    HPPC            PC-Summary            DVHI0047
 ********************************** Bottom of data ********************************
```

```
   File   Edit   Edit_Settings   Menu   Utilities   Compilers   Test   Help

VIEW        HPPC:PC-DB_Stat
Command ===> _
****** ******************************* Top of Data ******************************
000001 IMS HIGH PERFORMANCE POINTER CHECKER FOR z/OS                      "DATAB
000002 5655-K53                                                    DATE: 03/05/2
000003
000004 DBNAME: DVHI0047  DB#: 05D
000005
000006 DATABASE RECORD STATISTICS
000007 --------------------------
000008             SEGMENT                  <---- SEGMENT LENGTH --->  <-AVERAGE OCCU
000009 SC LV DG NAME       OCCURRENCES   PRFX  +    DATA   =    TOTAL     PER ROOT    P
000010 -- -- -- --------  -----------   ----  -------    -------   ----------  --
000011 01 01 01 ORDER              6      18      50.0       68.0          1.0
000012 02 02 01 ORDART             4      34      75.0      109.0          0.7
000013 03 03 01 DELIVER            2      10      50.0       60.0          0.3
000014 04 03 01 SCHEDULE           2      10      50.0       60.0          0.3
000015 05 03 01 HISTORY            2      10      49.0       59.0          0.3
000016 -- -- -- --------  -----------   ----  -------    -------   ----------  --
000017 TOTALS                     16                              AVERAGE DB RECORD
000018                                                    AVERAGE DB RECORD PREFIX
000019
```

The actual report

```
VIEW         HPPC:PC-DB_Stat                          Columns 00001 00072
Command ===> _____ Scroll ===> PAGE
000020 NOTE : 'V' INDICATES THAT 'DATA' SHOW AVERAGE VALUES FOR A VARIABLE LENG
000021 IMS HIGH PERFORMANCE POINTER CHECKER FOR z/OS                    "DATAB
000022 5655-K53                                                DATE: 03/05/2
000023
000024 DBNAME: DVHI0047  DB#: 05D
000025
000026 DATABASE RECORD STATISTICS BY DATA SET GROUP
000027 -------------------------------------------------
000028          SEGMENT              <---- SEGMENT LENGTH ---> <-AVERAGE OCCU
000029 DG SC LV NAME      OCCURRENCES  PRFX  +  DATA  =  TOTAL   PER ROOT    P
000030 -- -- -- -------- ----------- ---- ------- ------- ---------- --
000031 01 01 01 ORDER             6   18    50.0     68.0           1.0
000032    02 02 ORDART            4   34    75.0    109.0           0.7
000033    03 03 DELIVER           2   10    50.0     60.0           0.3
000034    04 03 SCHEDULE          2   10    50.0     60.0           0.3
000035    05 03 HISTORY           2   10    49.0     59.0           0.3
000036 -- -- -- -------- ----------- ---- ------- ------- ---------- --
000037 TOTALS               16                        AVERAGE DB RECORD
000038                                        AVERAGE DB RECORD PREFIX
000039
```

Print Report

S

C   You are requesting a report be
    printed. Please specify the SYSOUT
S   class. press CANCEL to exit without
    printing.

R
                                         tory P - Print D - Delete
    Then press ENTER to print the report.

A   DBD   Area/Part DD   Set
                                         DVHI0047
P   SYSOUT Class . . . . =   DVHI0047
                                         DVHI0047   DVHI0047
                                         DVHI0047   DVHI0047
                                         DVHI0047   DVHI0047
                                         DVHI0047   DVHI0047
                                         DVHI0047   DVHI0047
                                         DVHI0047

*   *******************************

- Job   Row 347 from 1100
                      Scroll ===> PAGE

**Just specify
The SYSOUT
class**

View   Help
───

SERVER: FPQJSP01   Available Reports - Job   Row 347 from 1100
Command ===> _____   Scroll ===> PAGE

S   press END to exit.

R   - Job T - Step H - History P - Print D - Delete
             H - Archive

Act   duct   Report   DBD   Area/Part DD   Set
I _ HPPC   PC-DB Stat   DVHI0047
   _ HPPC   PC-Environment   DVHI0047
   _ HPPC   PC-Free Space Map   DVHI0047   DVHI0047
   _ HPPC   PC-HD Data Set Stat DVHI0047   DVHI0047
   _ HPPC   PC-Interval Free Space DVHI0047   DVHI0047
   _ HPPC   PC-Interval Stat   DVHI0047   DVHI0047
   _ HPPC   PC-Max Free Space Dist DVHI0047   DVHI0047
   _ HPPC   PC-Summary   DVHI0047
********************************* Bottom of data **********************************

Help
_____
SERVER: FPQJSP01   Report Information
Command ===> _____

Press END to exit.

                                                         More: +
                              Quick Index : AAPC66AC7BA000000001

Product Name : IMS HP Pointer Checker
Report Title : HDPC-Database Statistics report
                                            Cmp Code . : 000

RECON ID . . : RECON01
RECON1 Name . : IMS1.RECON1
IMS ID . . . :

Database . . : DVHI0047   Part/Area . . :   DD Name . . :
Group Type . :   Group Name . :

System ID . . : STLABE3   User ID . . . : SINMEI
Job Name . . : HI100   Job Number . : 00671   Step Name . . : HDPCPRO

Job Start . . : 20070305 15:12:01

The report information screen…note the Quick Index, think of it as a URL to this specific report

SERVER: FPQJSP01   Report Information   Ver 1.1.0
Command ===> _

Press END to exit.

                                                                         More: -

RECON1 Name . . : IMS1.RECON1
IMS ID . . . . :

Database . . : DVHI0047   Part/Area . . :   DD Name . . :
Group Type . :   Group Name . :

System ID . . : STLABE3   User ID . . . : SINMEI
Job Name . . : HI100   Job Number . : 00671   Step Name . : HDPCPRO

Job Start . . : 20070305 15:12:01
Step Start . : 20070305 15:12:01
Report Start : 20070305 15:11:47

Retention Days 1   Versions 1

More information

```
SERVER: FPQJSP01              Order Column Settings      Row 1 to 12 of 20
Command ===> _____  Scroll ===> PAGE


Fill in order instructions or press END to exit.



Row actions: n - Enter numerical order for columns


Seq   Field
__    Product
1     Report
2     DBD
__    Area/Part
__    DD
__    Set
3     Recon ID
4     IMS ID
__    Grp Type
__    Grp Name
5     Report Start
__    Cmp Code
```

Sort your columns so you see the most important information first, ITKB stores the order in your user profile for next time…

Command ===> _   Scroll ===> PAGE

Fill in order instructions or press END to exit.

Row actions: n - Enter numerical order for columns

Seq Field
___   Type
___   Sys ID
___   User ID
___   Job Nbr
___   Job Name
___   Step Name
___   Job Start
___   Step Start
******************************* Bottom of data ***********************************

View Help
_____

SERVER: FPQJSP01   Available Reports - Job   Row 1 from 1100
Command ===> _

Select a row action or press END to exit.

Row actions: S - View J - Job T - Step H - History P - Print D - Delete
             I - Info A - Archive

Act Report   DBD   Recon ID IMS ID Report Start   Set
 _   PC- Run time option   DVHI0001 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0002 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0003 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0004 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0005 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0006 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0007 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0008 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0009 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0010 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0011 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0012 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0013 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0014 RECON01   20070305 15:11:47

These columns used to be on the next page

Command ===> _____   Scroll ===> PAGE

Enter find criteria or press END to exit.

Field   Value
Product   _____
Report   _____
Type   _____
Cmp Code   _____
Recon ID   _____
IMS ID   _____
Grp Type   _____
Grp Name
DBD   DVHI0030_
Area/Part   _____
DD   _____
Set   _____
Sys ID   _____
User ID   _____
Job Name   _____
Job Nbr   _____

View   Help

SERVER: FPQJSP01   Available Reports - Job   Row 30 from 1100
Command ===> _____   Scroll ===> PAGE

Select a row action or press END to e

Row actions: S - View J - Job T - Ste   Delete
              I - Info A - Archive

Act Report   DBD   ID IMS ID Report Start   Set
 _   PC- Run time option   DVHI0030 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0031 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0032 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0033 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0034 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0035 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0036 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0037 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0038 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0039 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0040 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0041 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0042 RECON01   20070305 15:11:47
 _   PC- Run time option   DVHI0043 RECON01   20070305 15:11:47

**The first occurrence
of DVHI0030**

View   Help

4 _1. Sort   Job   Row 30 from 1100
   2. Reset Sort Sequen   Scroll ===> PAGE
   3. Find
   4. Find Next   to exit.
   5. Filter
   6. Filter Off   - Step H - History P - Print D - Delete
   7. Order Columns   e
   8. Reset Order   D   Recon ID IMS ID   Report Start   Set
                                     HI0030 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0031 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0032 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0033 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0034 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0035 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0036 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0037 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0038 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0039 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0040 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0041 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0042 RECON01   20070305 15:11:47
     PC- Run time option   DVHI0043 RECON01   20070305 15:11:47

Find Next to jump to the next occurrence…

SERVER: FPQJSP01   IMS Tools Knowledge Base   Ver 1.1.0
Option ===> 9

Select an option or press END to exit.

*Knowledge Base Server Name FPQJSP01
 Recon ID . . . . RECON01   *History (y/n) Y

Display Database Report Output
1   List of databases with reports
2   List of DDnames with reports
3   List of IMS Systems with reports
4   List of Report jobs
5   List of Report types
6   List of Reports
7   List of Products
8   List reports using selection criteria
9   List of all reports available
10 List of recently viewed reports
11 Exit

Many ways to
view reports

```
SERVER: FPQJSP01              Available Reports List         Row 43 from 1169
Command ===> _                                               Scroll ===> PAGE


Select a row action or press END to exit.


Row actions: S - View J - Job T - Step H - History P - Print D - Delete
             I - Info A - Archive

Act Product          Report                 DBD        Area/Part DD        Set
 _   HPPC             PC- Run time option    DVHI0012             DVHI0012
 _   HPPC             PC- Run time option    DVHI0013             DVHI0013
 _   HPPC             PC- Run time option    DVHI0014             DVHI0014
 _   HPPC             PC- Run time option    DVHI0015             DVHI0015
 _   HPPC             PC- Run time option    DVHI0016             DVHI0016
 _   HPPC             PC- Run time option    DVHI0017             DVHI0017
 _   HPPC             PC- Run time option    DVHI0018             DVHI0018
 _   HPPC             PC- Run time option    DVHI0019             DVHI0019
 _   HPPC             PC- Run time option    DVHI0020             DVHI0020
 _   HPPC             PC- Run time option    DVHI0021             DVHI0021
 _   HPPC             PC- Run time option    DVHI0022             DVHI0022
 _   HPPC             PC- Run time option    DVHI0023             DVHI0023
 _   HPPC             PC- Run time option    DVHI0024             DVHI0024
 _   HPPC             PC- Run time option    DVHI0025             DVHI0025
```

```
SERVER: FPQJSP01              IMS Tools Knowledge Base          Ver 1.1.0
Option ===> 8_

Select an option or press END to exit.



*Knowledge Base Server Name . . . . . FPQJSP01
 Recon ID . . . . . . . . . . . . . . RECON01          *History (y/n) Y

Display Database Report Output
1   List of databases with reports
2   List of DDnames with reports
3   List of IMS Systems with reports
4   List of Report jobs
5   List of Report types
6   List of Reports
7   List of Products
8   List reports using selection criteria
9   List of all reports available
10  List of recently viewed reports
11  Exit
```

Specify your own selection criteria…

SERVER: FPQJSP01   Report Selection Criteria   Ver 1.1.0
Command ===> _____

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

                                                        More: +
Quick Index . . . AAPC66AC7BA000000001 _   History (y/n) Y

Product . . . . . _____
Report . . . . . _____   Code ___

RECON ID . . . . _____
RECON1 Name . . . _____
IMS ID . . . . . _____

Database . . . . _____   Part/Area . . . _____   DD Name . . . . _____
Group Type . . . ____   Group Name . . _____   DB Set . . . . ____

System ID . . . . _____   User ID . . . . _____
Job Name . . . . _____   Job Number . . ____   Step Name . . . _____

First, you can enter a
Quick Index number to
jump directly to a
specific report…

SERVER: FPQJSP01   Available Reports List   Row 1 from 1
Command ===> _____   Scroll ===> PAGE

Select a row action or press END to exit.

Row actions: S - View J - Job T - Step H - History P - Print D - Delete
             I - Info A - Archive
Act Product   Report   DBD   Area/Part DD   Set
 _   HPPC   PC-DB Stat   DVHI0047
*********************************** Bottom of data ***********************************

Commands   Help

SERVER: FPQJSP01   Report Selection Criteria   ver 1.1.0
Command ===> _____

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

                                                              More: +
Quick Index . . _____   istory (y/n) N

Product . . . . _____
Report . . . . _____   Cmp Code ___

RECON ID . . . RECON01
RECON1 Name . . _____
IMS ID . . . . _____

Database . . . *7_____   Part/Area . . . _____   DD Name . . . . _____
Group Type . . _____   Group Name . . _____   DB Set . . . . ____

System ID . . . STLABE3   User ID . . . . _____
Job Name . . . _____   Job Number . . _____   Step Name . . _____

From here you can search all reports on any selection criteria you choose…

Or, maybe you want to limit by RECON, Database, System ID…

SERVER: FPQJSP01   Report Selection Criteri   End of data
Command ===> _____

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

                                                    More: -
Report . . . . _____   Type . . _____   Cmp Code ___

RECON ID . . . RECON01
RECON1 Name . . _____
IMS ID . . . . _____

Database . . . *7_____   Part/Area . . . _
Group Type . . _____   Group Name . . . _

System ID . . . STLABE3_   User ID . . . . _____   Step Name . . _____
Job Name . . . _____   Job Number . . _____

Date/Time Range R   (J - Job, S - Step or R - Report)
Start Date . . 2007/03/05 Start Time . . _____
End Date . . . 2007/03/05 End Time . . . _____

Scroll down and you can search by date (absolute or relative)

View Help

SERVER: FPQJSP01   Available Reports List   Row 1 from 110
Command ===> _____   Scroll ===> PAGE

Select a row action or press END to exit.

Row actions: S - View J - Job T - Step H - History P - Print D - Delete
             I - Info A - Archive

Act Product   Report   DBD   Area/Part DD   Set
_   HPPC   PC- Run time option DVHI0007   DVHI0007
_   HPPC   PC- Run time option DVHI0017   DVHI0017
_   HPPC   PC- Run time option DVHI0027   DVHI0027
_   HPPC   PC- Run time option DVHI0037   DVHI0037
_   HPPC   PC- Run time option DVHI0047   DVHI0047
_   HPPC   PC- Run time option DVHI0057   DVHI0057
_   HPPC   PC- Run time option DVHI0067   DVHI0067
_   HPPC   PC- Run time option DVHI0077   DVHI0077
_   HPPC   PC- Run time option DVHI0087   DVHI0087
_   HPPC   PC- Run time option DVHI0097   DVHI0097
_   HPPC   PC-Bit Map Display   DVHI0007   DVHI0007
_   HPPC   PC-Bit Map Display   DVHI0017   DVHI0017
_   HPPC   PC-Bit Map Display   DVHI0027   DVHI0027
_   HPPC   PC-Bit Map Display   DVHI0037   DVHI0037

Commands   Help

1 _1. Save
   _2. Retrieve

Report Selection Criteria   Ver 1.1.0

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

                                                    More: +
Quick Index . .   History (y/n) N

Product . . . .
Report . . . .   Type . .   Cmp Code

RECON ID . . . RECON01
RECON1 Name . .
IMS ID . . . .

Database . . . *7   Part/Area . . .   DD Name . . .
Group Type . .   Group Name . .   DB Set . . .

System ID . . . STLABE3   User ID . . . .
Job Name . . .   Job Number . .   Step Name . .

You can even Save your criteria for next time…

```
SERVER: FPQJSP01              Save Selection Criteria              Ver 1.1.0
Command ===> _____

Enter a name and description and press ENTER to save the selection
criteria or press END to exit.

*Name . . . . . . SACCO1__
Description . . REPORTS JOE NEEDS TO SEE_____
```

Commands   Help

```
 ┌──────────────────────┐
 │ 2 _1. Save           │         Report Selection Criteria          Ver 1.1.0
 │    2. Retrieve       │
 └──────────────────────┘
```

And Retrieve it when needed...

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

```
                                                         More:      +
Quick Index . .                                 History (y/n) N


Product . . . .
Report  . . . .                         Type . .        Cmp Code


RECON ID  . . .
RECON1 Name . .
IMS ID  . . . .


Database  . . .         Part/Area . . .         DD Name . . . .
Group Type  . .         Group Name  . .         DB Set  . . . .


System ID . . .         User ID . . . .
Job Name  . . .         Job Number  . .         Step Name . . .
```

Command ===> _____

Choose a selection criteria and press ENTER or press END to exit.

Row actions: S - List D - Delete

Act   Name   Description
S _ SACCO1   REPORTS JOE NEEDS TO SEE
   _ S11   this why
   _ PETER2   this is why i made this again
   _ PETER1   this is why i made this
******************************** Bottom of data ********************************

Commands Help
_____

SERVER: FPQJSP01   Report Selection Criteria   Ver 1.1.0
Command ===> _____

Type criteria for reports, then press ENTER to see selected reports or
press END to exit.

                                                       More: +
Quick Index . . _____   History (y/n) N

Product . . . . _____
Report . . . . _____   Type . . _____   Cmp Code ___
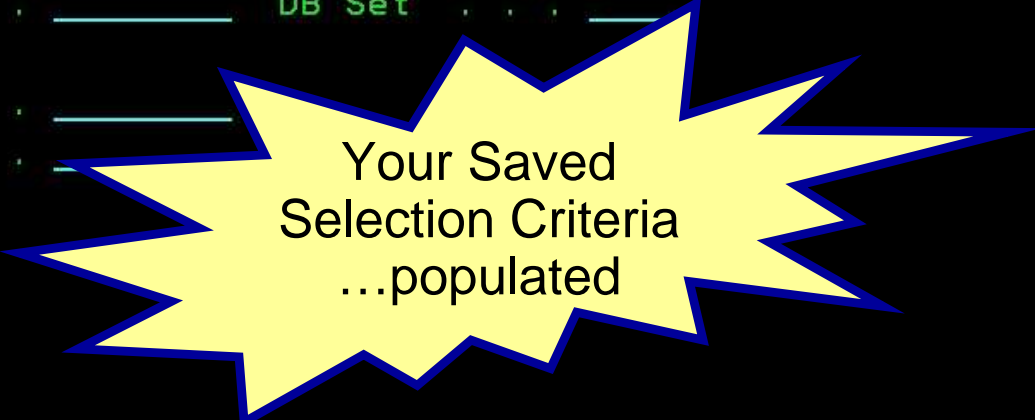
RECON ID . . . RECON01
RECON1 Name . . _____
IMS ID . . . . _____

Database . . . *7_____   Part/Area . . . _____   DD Name . . . _____
Group Type . . ____   Group Name . . _____   DB Set . . . ____

System ID . . . STLABE3   User ID . . . . _____
Job Name . . . _____   Job Number . . _

                                              Your Saved
                                          Selection Criteria
                                             …populated

SERVER: FPQJSP01   IMS Tools Knowledge Base   Ver 1.1.0
Option ===> 10

Select an option or press END to exit.

*Knowledge Base Server Name FPQJSP01
 Recon ID . . . . RECON01   *History (y/n) N

Display Database Report Output
1 List of databases with reports
2 List of DDnames with reports
3 List of IMS Systems with reports
4 List of Report jobs
5 List of Report types
6 List of Reports
7 List of Products
8 List reports using selection criteria
9 List of all reports available
10 List of recently viewed reports
11 Exit

User Interface Review

- **A variety of different ways to view reports**
  - Database, DD Name, IMS System, Job, Type, Product

- **Built in support to locate information quickly and efficiently**
  - Filter, Find, Customized selection criteria

- **Quick Index**

- **List of recently viewed reports**

Report Import

- **Batch Utility**

- **Reports from other sources can be imported into the Knowledge base.**

- **Reports must be registered**
  - Assigns report title and retention attributes

- **Must provide report index information for each import.**

- **Example: DBRC reports**

IMS Tools Enablement Plan

- **Currently enabled products**
  - IMS Parallel Reorganization
  - IMS High Performance Pointer Checker
  - IMS High Performance Image Copy

- **More Tools being enabled via release and maintenance processes**

- **Check here for updates…**
  - http://www.ibm.com/support/docview.wss?rs=434&context=SSZJXP&uid=swg21261315

Summary

- **IMS Tools Knowledge Base Version 1.1**
  - Output Repository
  - A vehicle to an enriched IMS Tools customer experience
    - Single platform for report output
    - History for analysis
    - History of actions
  - A platform to share information amongst tools
  - A pathway to autonomics
- **Essential IMS Tools from IBM will be enabled for IMS Tools Knowledge Base V1.1**

Questions and Discussion

- **Thank you for your time!**

- **Feel free to contact us**
  - Joe Sacco jsacco@us.ibm.com

  - Ron DeFalco rdefalc@us.ibm.com

- **IMS Tools Knowledge Base v1.1**
  - PID 5655-R34

  - http://www.ibm.com/software/data/db2imstools/imstools/kbt/

- **Go to** www.ibm.com/software/systemz **to:**

  - Replay this teleconference

  - Replay previously broadcast teleconferences

  - Register for upcoming events