



EPV Graph for Db2 Release Notes



Supporting
EPV Graph for Db2 V15

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About this manual

These notes provide a description of the most important enhancements implemented in EPV Graph for Db2 V15.

Changes

Technical changes or additions to the text are indicated by a vertical line to the left of the change.



1 Introduction

EPV Graph for Db2 (EPV in the following) provides a great amount of useful information for Performance Analysts and Capacity Planners. This information is presented in graphs logically grouped in “visions”. HTML techniques and JAVASCRIPT functions are also used to improve product usability.

The most important technical enhancements provided in this version are presented in chapter 2.
The most important usability enhancements are presented in chapter 3.



2 Major technical enhancements

2.1 z15 support

EPV Graph for Db2 fully supports z15 machines.

New MIPS tables are provided including benchmarks for all the available models.

MIPS tables for zIIP have also been added to allow users to easily set the appropriate zIIP capacity for their configuration.

2.2 New graphs

The following new graphs have been introduced in EPV Graph for D2 V15:

COMPONENT	GRAPH	DESCRIPTION	DETAIL
LATCH RATE	LATCH RATE BY SHARING GROUP	Hourly profile of the latch suspension rate by Db2 sharing group.	DAY/HOUR
LATCH RATE	LATCH RATE BY Db2 - <i>grpid</i> SHARING GROUP	Hourly profile of the latch suspension rate by Db2 subsystem.	DAY/HOUR
LATCH RATE	LATCH RATE BY CLASS - <i>db2id</i> DB2	Hourly profile of the latch suspension rate by latch class inside a Db2 subsystem.	DAY/HOUR
DBD	DBD POOL HIT RATIO BY SHARING GROUP	Hourly profile of the DBD pool hit ratio by Db2 sharing group.	DAY/HOUR
DBD	DBD POOL HIT RATIO BY Db2 - <i>grpid</i> SHARING GROUP	Hourly profile of the DBD hit ratio by Db2 subsystem.	DAY/HOUR
SKEL CT	SKEL CT POOL HIT RATIO BY SHARING GROUP	Hourly profile of the Cursor Tables hit ratio in the skeleton pool by Db2 sharing group.	DAY/HOUR
SKEL CT	SKEL CT POOL HIT RATIO BY Db2 - <i>grpid</i> SHARING GROUP	Hourly profile of the Cursor Tables hit ratio in the skeleton pool by Db2 subsystems.	DAY/HOUR
SKEL PT	SKEL PT POOL HIT RATIO BY SHARING GROUP	Hourly profile of the Package Tables hit ratio in the skeleton pool by Db2 sharing group.	DAY/HOUR
SKEL PT	SKEL PT POOL HIT RATIO BY Db2 - <i>grpid</i> SHARING GROUP	Hourly profile of the Package Tables hit ratio in the skeleton pool by Db2 subsystems.	DAY/HOUR
GDSC	GDSC POOL HIT RATIO BY SHARING GROUP	Hourly profile of the Global Dynamic Statement Cache hit ratio by Db2 sharing group.	DAY/HOUR
GDSC	GDSC POLL HIT RATIO BY Db2 - <i>grpid</i> SHARING GROUP	Hourly profile of the Global Dynamic Statement Cache hit ratio by Db2 subsystems.	DAY/HOUR
LATCH RATE DAILY TREND	LATCH RATE	Daily trend of the latch suspension rate by time shift	DAY
LATCH RATE DAILY TREND	LATCH RATE BY SHARING GROUP	Daily trend of the latch suspension rate by sharing group and time shift	DAY
LATCH RATE DAILY TREND	LATCH RATE BY Db2 - <i>grpid</i> SHARING GROUP	Daily trend of the latch suspension rate by Db2 subsystems and time shift	DAY
DBD DAILY TRENDS	DBD POOL HIT RATIO BY SHARING GROUP	Daily trend of the DBD hit ratio by sharing group and time shift	DAY



DBD DAILY TRENDS	DBD POOL HIT RATIO BY Db2 - grpid SHARING GROUP	Daily trend of the DBD hit ratio by Db2 subsystems and time shift	DAY
SKEL CT DAILY TRENDS	SKEL CT POOL HIT RATIO BY SHARING GROUP	Daily trend of the Cursor Tables hit ratio in the skeleton pool by sharing group and time shift	DAY
SKEL CT DAILY TRENDS	SKEL CT POOL HIT RATIO BY Db2 - grpid SHARING GROUP	Daily trend of the Cursor Tables hit ratio in the skeleton pool by Db2 subsystem and time shift	DAY
SKEL PT DAILY TRENDS	SKEL PT POOL HIT RATIO BY SHARING GROUP	Daily trend of the Package Tables hit ratio in the skeleton pool by sharing group and time shift	DAY
SKEL PT DAILY TRENDS	SKEL PT POOL HIT RATIO BY Db2 - grpid SHARING GROUP	Daily trend of the Package Tables hit ratio in the skeleton pool by Db2 subsystem and time shift	DAY
GDSC DAILY TRENDS	GDSC HIT RATIO BY SHARING GROUP	Daily trend of the Global Dynamic Statement Cache hit ratio by sharing group and time shift	DAY
GDSC DAILY TRENDS	GDSC HIT RATIO BY Db2 - grpid SHARING GROUP	Daily trend of the Global Dynamic Statement Cache hit ratio by Db2 subsystem and time shift	DAY
LATCH RATE MONTHLY TREND	LATCH RATE	Monthly trend of the latch suspension rate by time shift	MONTH
LATCH RATE MONTHLY TREND	LATCH RATE BY SHARING GROUP	Monthly trend of the latch suspension rate by sharing group and time shift	MONTH
LATCH RATE MONTHLY TREND	LATCH RATE BY Db2 - grpid SHARING GROUP	Monthly trend of the latch suspension rate by Db2 subsystems and time shift	MONTH
DBD MONTHLY TREND	DBD POOL HIT RATIO BY SHARING GROUP	Monthly trend of the DBD hit ratio by sharing group and time shift	MONTH
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SKEL PT MONTHLY TREND	SKEL PT HIT RATIO BY SHARING GROUP	Monthly trend of the Package Tables hit ratio in the skeleton pool by sharing group and time shift	MONTH
SKEL PT MONTHLY TREND	SKEL PT HIT RATIO BY Db2 - grpid SHARING GROUP	Monthly trend of the Package Tables hit ratio in the skeleton pool by Db2 subsystem and time shift	MONTH
GDSC MONTHLY TREND	GDSC HIT RATIO BY SHARING GROUP	Monthly trend of the Global Dynamic Statement Cache hit ratio by sharing group and time shift	MONTH
GDSC MONTHLY TREND	GDSC HIT RATIO BY Db2 - grpid SHARING GROUP	Monthly trend of the Global Dynamic Statement Cache hit ratio by Db2 subsystem and time shift	MONTH

Legend

A lowercase word in the view name means that a specific view is produced for each instance of the object written in lowercase:

- grpid means Sharing Group id
- sysid means System id
- db2id means Db2 subsystem id



3 Major usability enhancements

EPV for Db2 V15 support a new completely redesigned User Interface¹.

Major enhancements are:

- A much more useful and effective Home Page;
- New look and new icons for the graph functions.

3.1 A much more useful and effective Home Page

The new Home Page provides info about product version and license expiration, at a glance. License expiration becomes yellow and starts blinking when the license is about to expire.



Figure 1

A link is also available on each installed product which can be customized by the user to decide which is the navigation starting page.

¹ Only a short description of the major enhancements, introduced in the new EPV User Interface, is provided here. For more details see EPV V15 User Interface.



3.2 New look and new icons for the graph functions

EPV Graph for Db2 look and icons have been completely redesigned (see Figure 2).

Over each graph, on the right side, is reported date and hour of production. The EPV module which produced the graph is also indicated.

Produced on: 2021-04-16 12:40 - DHTMASGD

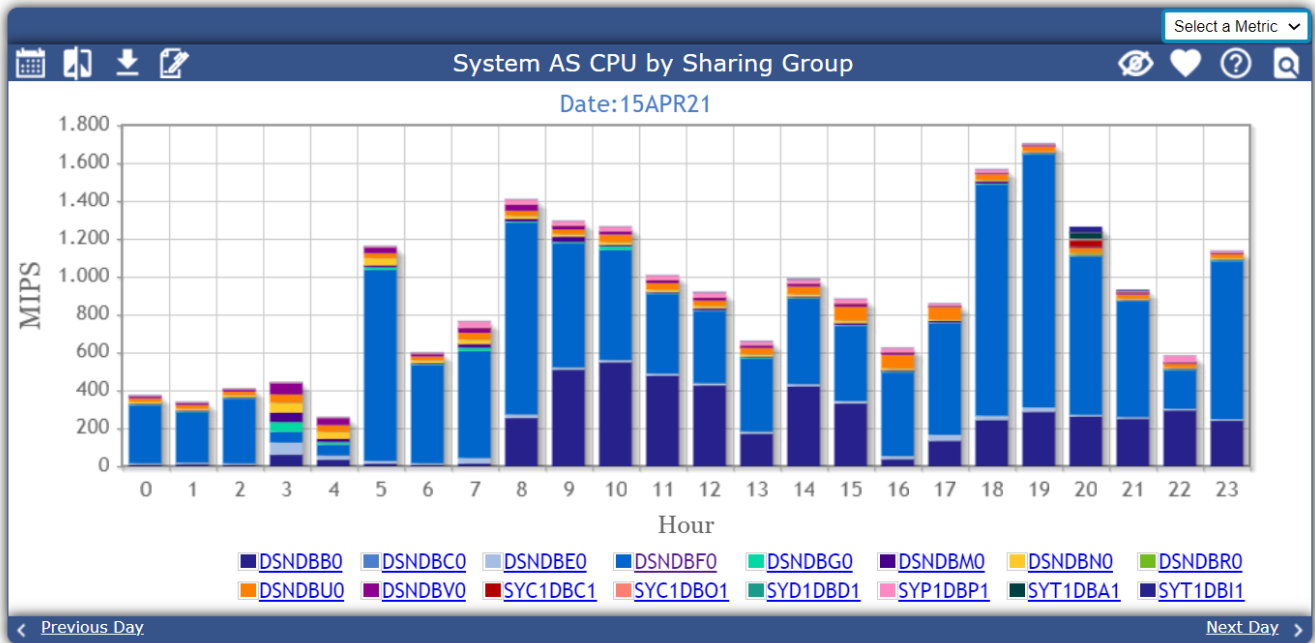


Figure 2



4 Customer support

For any technical problems or questions about EPV Graph for Db2 please email:

epv.support@epvtech.com

For any other issue about EPV Graph for Db2 please email:

epv.info@epvtech.com



Related documentation

The following manuals complement the information provided in this manual:

- *EPV Graph for Db2 V15 Installation and Customization*
- *EPV Graph for Db2 V15 List of Graphs*
- *EPV V15 User Interface*