Hello CA MAT family!

Coming to you with news around CA MAT on behalf of Broadcom and CA Mainframe Application Tuner development team.

Be sure to find information about the following topics below.

- DATASET SUGGESTIONS AND HINTS
- RESTFUL API ENDPOINTS AND CLI FOR DB2
- CA MAT FUNDAMENTALS – DIGITAL BADGE

CA MAT DATASET SUGGESTIONS AND HINTS

This feature is an extension to CA MAT efforts to make the product even more useful and effective with performance assessment and issue resolution. Alongside performance tuning suggestions for COBOL, PL/I, and an extensive database of CSECT descriptors for internal and external subsystems (see previous community post here), MAT development team brings you *new* hints and suggestions for DATASETS.

Using line command S for Suggestions (see Fig.1) under DataView or DataView Details under TranView you can invoke a pop-up showing particular hints and suggestions for a given dataset that will help you with decision making or by which you may get inspired (see Fig. 2).

Fig. 1 – Line command S for Suggestions

Fig. 2 – Dataset suggestion example

You may as well utilize the ADDHelp command to invoke a content-sensitive help facility (see Fig. 3) that allows you to store your site-specific hints and suggestions for you and your colleagues.

Fig. 3 – Content sensitive facility

Find more detailed information in MAT documentation: HERE

To download this solution please refer to SO16277

RESTFUL API ENDPOINTS AND CLI FOR DB2

To support modern developer experience and provide an easy way to operate and script above the data that CA MAT can offer to you and to complement the **Performance Benchmarking** (formerly known as CA MAT Performance On Commit – see our PM medium blog here to learn more!) MAT development team brings you new extension to our REST APIs and CLIs with Zowe for DB2 performance data.

You may issue convenient CLI commands to retrieve DB2View (see Fig. 4) as well as to fetch particular SQL details (see Fig. 5)

```
PS C:\Users\pk123456\DEMOCICD> zowe mat monitor db2 db2view --mon_num 10
dbrm       ds data_from stmt_num type      call_count total_cpu cpu_p_call total_resp_time average_
CUPBTSDY D  B         523        EXECUTE 99          0.002758  0.000028   0.25232         0.002549
CUPBTSDY D  B         402        EXECUTE 1           0.004567  0.004567   0.131838        0.131838
CUPBTSDY D  B         464        PREPARE 1           0.001045  0.001045   0.001646        0.001646
CUPBTSDY D  H         364        EXECUTE 1           0.010361  0.010361   0.021258        0.021258
CUPBTSDY D  H         374        EXECUTE 1           0.000163  0.000163   0.000162        0.000162
CUPBTSDY D  H         425        PREPARE 1           0.000707  0.000707   0.000935        0.000935
CUPBTSDY D  H         468        OPEN    1           0.000009  0.000009   0.000011        0.000011
CUPBTSDY D  H         470        FETCH   1           0.000045  0.000045   0.000044        0.000044
CUPBTSDY D  H         491        PREPARE 1           0.000788  0.000788   0.00116         0.00116
CUPBTSDY D  H         500        CLOSE   1           0.000007  0.000007   0.000007        0.000007
CUPBTSDY D  H         562        EXECUTE 99          0.000853  0.000009   0.001322        0.000014
CUPBTSDY D  H         568        FETCH   99          0.000586  0.000006   0.001199        0.000013
```

Fig. 4 – DB2View via CLI output

```
PS C:\Users\pk123456\DEMOCICD> zowe mat monitor db2 sqlstmt --mon_num 10 --dbrm CUPBTSDY --stmt_num 523 --total_samps 25
dbrm      stmt_num type     sql_text
CUPBTSDY 523       EXECUTE INSERT INTO CUPOFJOE4DATA VALUES (?, ?, ?, ?, ?, ?)
```

Fig. 5 – SQL details via CLI output

Find more detailed information in MAT documentation: HERE

To download this solution please refer to SO16203

CA MAT FUNDAMENTALS – DIGITAL BADGE

Haven't you missed that Broadcom Education with CA MAT had released a FUNDAMENTALS DIGITAL BADGE (See Fig. 6)? Digital badging can be a great way for you to do a check on your

product knowledge, challenge yourself, and boost your CV or LinkedIn profile for proficiency. We have more for you to come such as digital badges for advanced users of MAT as well as PMA.
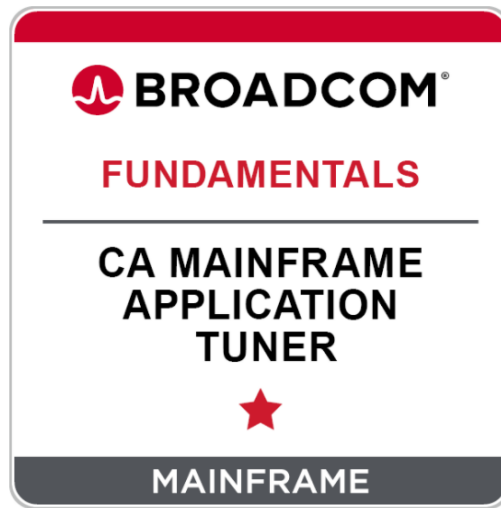

Fig. 6 – CA MAT fundamentals Digital badge

Find Information here:
- ➢ **Community post by Broadcom Education**
- ➢ **ACCLAIM**

This Badge is derived from Web-based Training (WBT).

Title: CA Mainframe Application Tuner: User Basics 200
Code: 06MAT20050
Duration: 90 Minutes

Available on Learning@Broadcom. Or via a link to our Mainframe Course Catalog.

Should you have any questions? Do not hesitate to reach out to me. Thank you for your continuous support and interest in CA MAT. We will report to you soon with more news!

For more information about *CA Mainframe Application Tuner V12*, see the complete documentation set here: CA MAT V12 documentation.

Should you be interested in live demo? Update on product direction or POC? Feel free to contact us directly. Together with Product Manager Ekaterina Tumanova (Ekaterina.Tumanova@broadcom.com), we are always interested in your thoughts and feedback.

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Product Owner of CA MAT