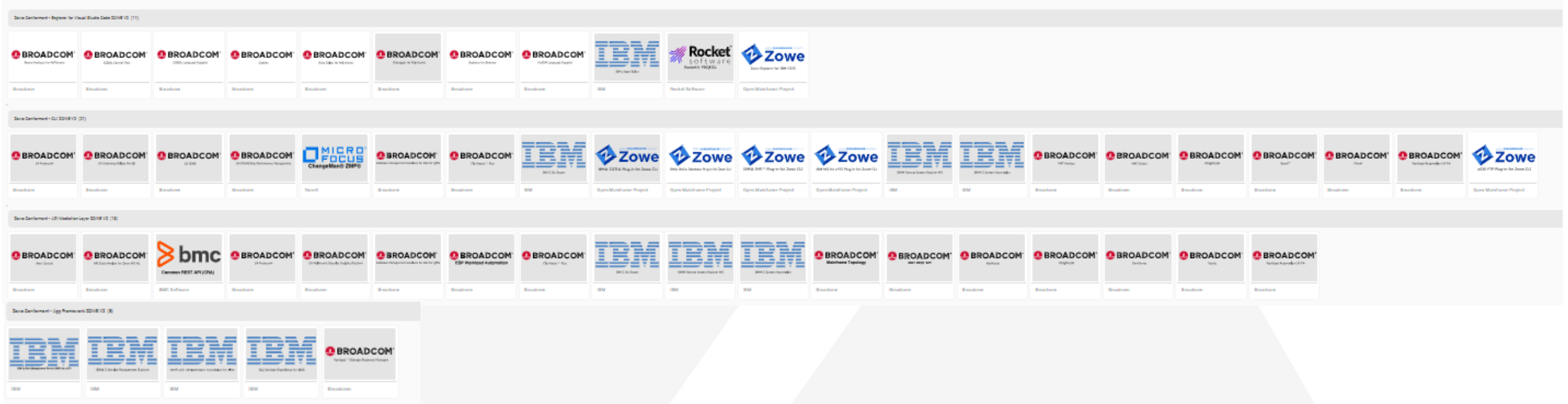# Zowe Day Part 4: Built-On-Zowe Extenders Showcase Their Apps

Ulf Heinrich, SEGUS

With over 75 Zowe conformant extensions, you are bound to be using a product, solution or practical application enabled by one of them! Attend this session to see demonstrations and meet the vendors who develop them.

SEGUS

SEGUS Extensions Overview

As an IBM Partner in Development, we offer Db2 z/OS products since the beginning of Db2

- SQL Workload Management
- Database Access Monitoring
- Object and System Cloning
- Db2 Space & Resource Management
- Database Maintenance
- Access Path & Performance Management
- Plus lots of Free of Charge HealthCheck tools

With the announcement of Zowe, we started to integrate into the Zowe Ecosystem, to exploit the powerful and modern capabilities of the Zowe Desktop.

In 2021, our first Apps have been approved Conformant for the App Framework

SEGUS Showcased Extension

Using our Zowe App GUI frontends, daily Db2 tasks become an easy and efficient experience

- Powerful, enterprise-wide workload analysis, exploiting predefined Use Cases
- Reliable, full-picture Db2 auditing with pre-canned, customizable reporting
- Highly efficient, proactive Db2 resource monitoring and management

Like the entire Zowe Ecosystem, our Db2 Zowe Apps are built on rock solid, proven z/OS technology, enriched by HTML5 and Angular-powered front-ends.

Our Db2 products have been used for decades by Db2 experts and are loved by younger mainframe folks, who appreciate easy-to-use solutions for their daily work.

Check https://www.segus.com/ for further information.

SEGUS Showcased Extension
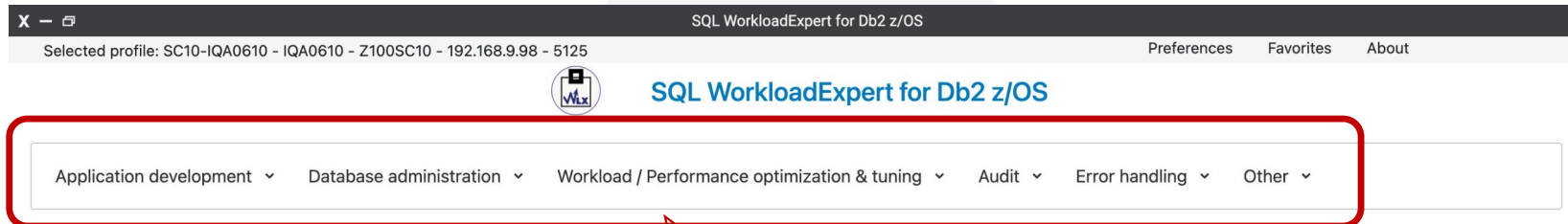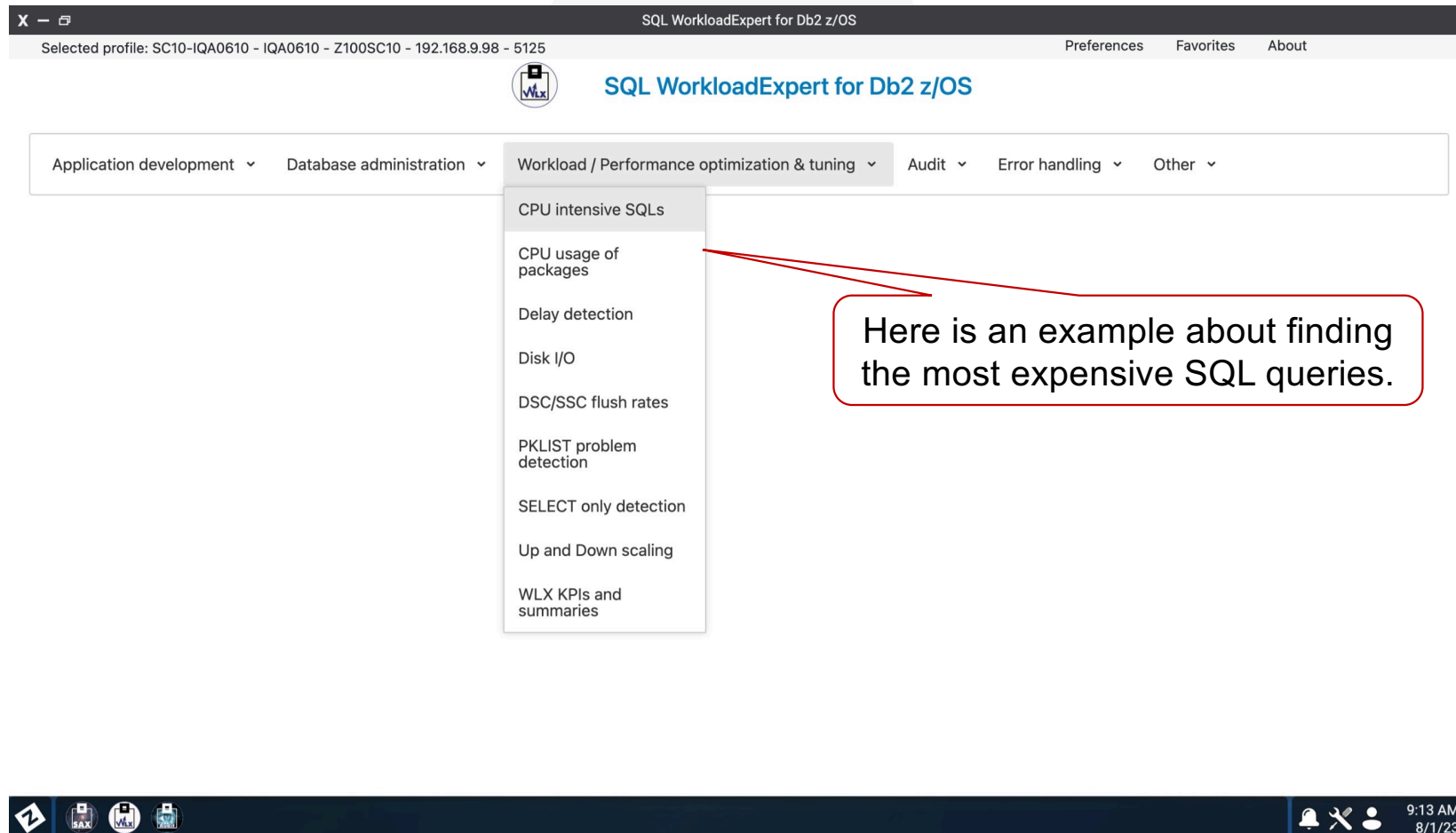
1st showcase:
SQL workload analysis:

WLX comes with more than 70 prepared Use Cases, categorized into six areas of interest for quick and easy workload analysis scenarios.

SEGUS Showcased Extension

Here is an example about finding the most expensive SQL queries.

SEGUS Showcased Extension

SEGUS Showcased Extension

… then we can apply some filtering for the result set of interest (Selection) …

SEGUS Showcased Extension

… and we can set the order of the result set, spotting the most important guys at the top (Sorting).

Any of this can be kept and/or shared for later execution, or even automatic reporting.

SEGUS Showcased Extension

SQL WorkloadExpert for Db2 z/OS

Selected profile: DD10SEC-IQA061QB - IQA061QB - Z100DD10 - 192.168.9.98 - 15151

Preferences   Favorites   About

SQL WorkloadExpert for Db2 z/OS

Application Workload

Edit Query   Back to Use Cases

Primary Authorization ID	Sum of Executions	Average CPU Time	Average Elapsed Time	Average GETPAGES
IZPDBA	1300	0.008495	0.069707	2899
ZOWEWOZ	1322	0.006954	0.085869	789
BOXWELL	8	0.002841	0.023865	135
OPCC	23	0.002279	0.057974	39
ELEQUNT	43	0.000324	0.016551	18
	18	0.000320	0.017214	30
	44	0.000309	0.030680	16
	36	0.000309	0.007527	33
	5	0.000256	0.026901	5
	42778	0.000080	0.001192	4

The result set can be used for further in-depth drill down analysis, cross-reference reporting, exporting into a pdf/excel, or …

9:41 AM
8/1/23

SEGUS Showcased Extension

… to generate a graphical report of many kinds (bars, pies, lines, or radar charts …)

SEGUS Showcased Extension
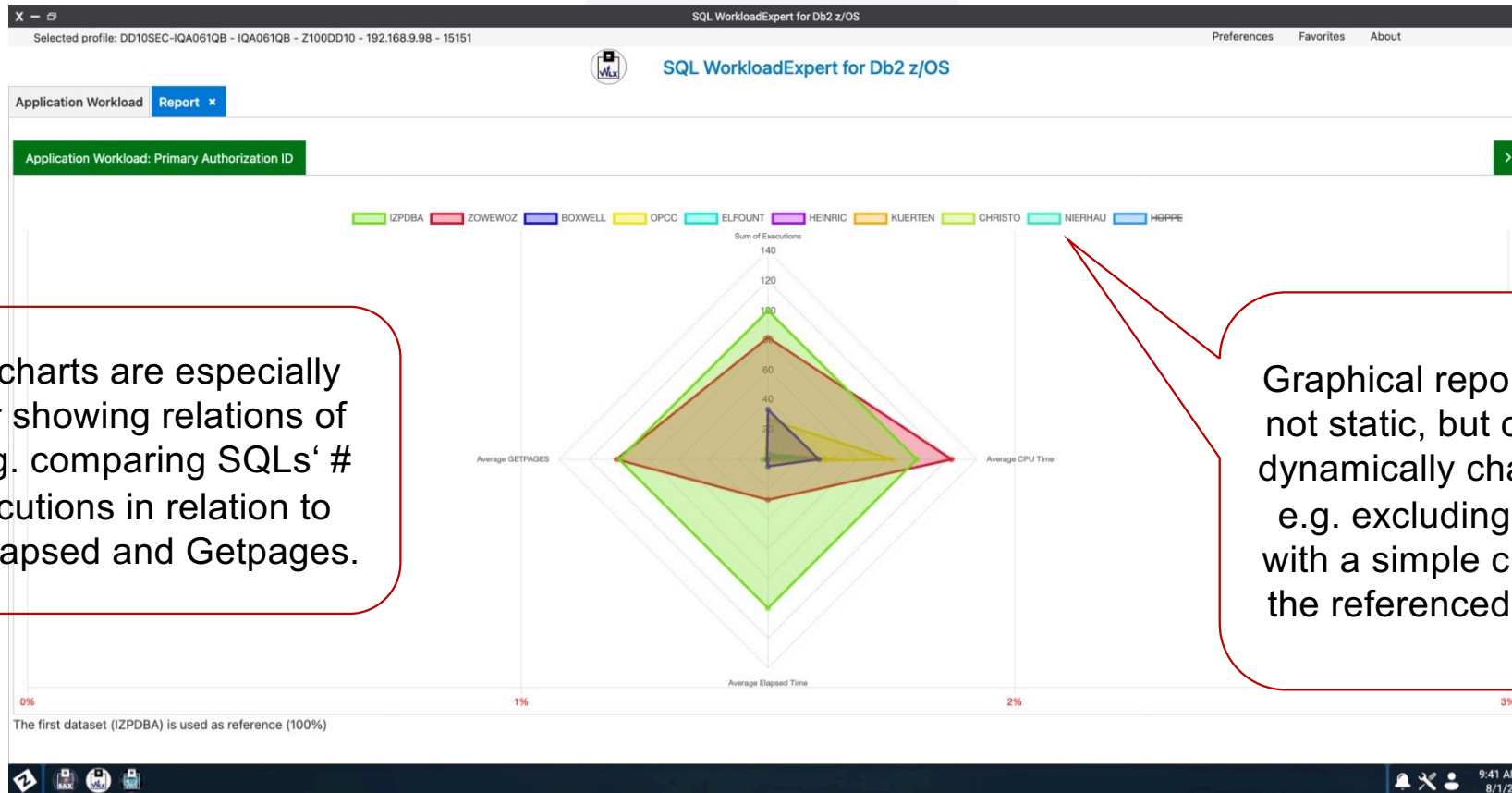
Radar charts are especially nice for showing relations of data, eg. comparing SQLs' # of executions in relation to CPU, Elapsed and Getpages.

Graphical reports are not static, but can be dynamically changed, e.g. excluding rows with a simple click on the referenced color.

SEGUS Showcased Extension

2nd Showcase:
Database Access Monitoring

Again, we have pre-canned analytic
Use Cases with many audit scenarios
for a quick and easy start.

SEGUS Showcased Extension

Let's find out who is using Db2 administrative authorities and what is done with it …

SEGUS Showcased Extension

SEGUS Showcased Extension

… and we'd like the activity to be grouped (sorted) by the authorization ID.

SEGUS Showcased Extension

…and there we are, with a nice report showing the timestamp, the original and the correlation ID along with the activity, including the SQL that was executed.
Reports can be exported or prepared for report automation.

SEGUS Showcased Extension

Space AssuranceExpert for Db2 z/OS

3rd Showcase:
Db2 Resource Monitoring

Realtime, Historical, Future
Trending for overall, or
object(-group) analysis – there
is always a Use Case.

SEGUS Showcased Extension

This time I'd like to run my analysis against a different system. All Db2 systems defined can easily be chosen from the App's preferences.

SEGUS Showcased Extension

SEGUS Showcased Extension

SEGUS Showcased Extension

SEGUS Showcased Extension

The report can be exported into a pdf/excel or kept for daily (automated, or manual) execution.

Various drill down capabilities deliver more details or we can generate a graphical report for the management.

SEGUS Showcased Extension

Customized graphical reports can be kept for sharing or future executions as well.

SEGUS Showcased Extension

Here we have the report for each object, with a bar of last quarter's, current and next year's utilization, based on the current growth.
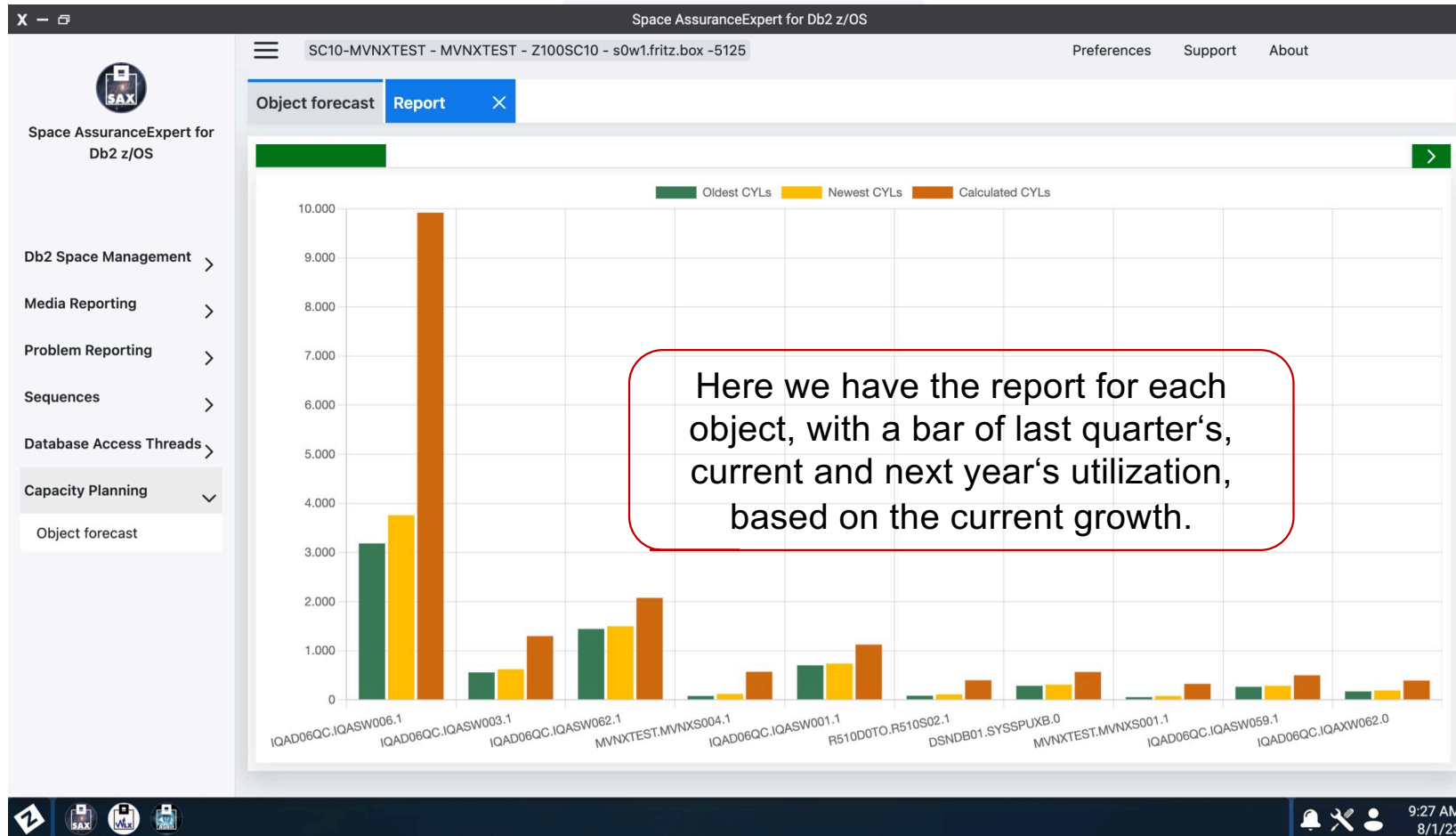
Contact Information

SEGUS
- db2info@segus.com

Your feedback is important!

Submit a session evaluation for each session you attend:

www.share.org/evaluation

SHARE mobile app

www.share.org/evaluation