**What's new in Dynamics 365 Business Central telemetry - June 2023**

It is June and it has been a month since the last newsletter. XXX

As always, the bleeding edge news on Dynamics 365 Business Central telemetry happens on Twitter, so if you want to keep up with the latest and greatest (and the beta versions of the Power BI telemetry apps) then follow me there (@kennienp). The intention of these monthly newsletters is to try to gather everything that I know and learn about this area and present it here. Let’s go…

In the June 2023 edition, read about these things:

* Upcoming conference sessions
* Power BI Usage apps – May updates
* New signal/updates
* Documentation improvements
* Tips and Tricks

# Upcoming conference sessions in May 2023

**Business Central Launch event (March 29 – end of June 2023)**

The Business Central Launch Event will take place from March 29-31, 2023. During the three days, you’ll be able to participate in a live opening session, watch sessions on what's new in 2023 release wave 1 and participate in Q&As. After March 31, all sessions will be available on-demand until end of June 2023.

Event is online, agenda is published online, registration needed, attendance is free).

I have recorded two sessions for the event:

Get data-driven with telemetry. This is a non-technical session on how implementation project managers can use telemetry to get low-friction go-lives. The session also has a section for ISV product owners/managers on how they can use telemetry to improve the quality of their apps.

<insert screenshot>

What’s new in telemetry. A technical session on new data in telemetry and tips and tricks for the KQL data nerds.

<insert screenshot>

Read more and register at

<https://aka.ms/bcle>

**Days Of Knowledge Nordic 2023 (June 1 - 2, 2023) in Odense, Denmark**

If you attend the Days Of Knowledge Nordic conference this year, consider learning some tips and tricks about telemetry in these sessions:

Full day pre-conference session: Telemetry Deep-Dive, by Microsoft MVP Krzysztof Bialowas

<https://directions4partners.com/days-of-knowledge/nordic-2023/schedule/?tid=477469>

Telemetry From Basics To Advanced Usage, by Microsoft MVP Krzysztof Bialowas

<https://directions4partners.com/days-of-knowledge/nordic-2023/schedule/?tid=415395>

Read more

<https://directions4partners.com/days-of-knowledge/nordic-2023/>

**BC/NAV Techdays 2023 (June 22-23, 2023) in Antwerp, Belgium**

TODO

Read more

<https://www.bctechdays.com/>

# Power BI Usage apps – June updates

The June updates for both apps mainly include all the new cool types of telemetry we got in the version 22 release.

**For both apps**

Error report

On the page “IncomingWebserviceErrors”, added two new visuals. First one shows the new OData error dimensions 'Failure Reason' and 'Diagnostic Message'. The second one shows the User Agent set by the caller. Use this to analyze failed calls by user agents (who called). See failure reason and diagnostics messages (for API/OData requests) to help find the root cause of the errors.

<insert screenshot>

Performance report

Performance: On page 'Incoming Web Service performance', added calculations on queue time (introduced in telemetry in v22). Use this to analyze time spent in web service queues.

<insert screenshot>

Performance: On page 'Long Running AL', using new dimension exclusiveTime (this dimension was introduced in 21.6/22.0). Use this to analyze long running AL methods (excluding time spent in modal dialogs).

<insert screenshot>

**Environment Usage app**

Error report

On page 'Connector Errors', added new visual to show new OData error dimensions 'Failure Reason' and 'Diagnostic Message'.

Administration report

See the full change log here:

<https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/PowerBI/Reports/AppSource/environment-app-pbix/changelog.txt>

**App Usage app**

All major changes are described above (these were changes that were applied to both apps).

See the full change log here:

<https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/PowerBI/Reports/AppSource/isv-app-pbix/changelog-isv-app.txt>

# New signal/updates

**Smaller improvements in 22.x**

When finalizing the 2023 release wave 1, we did some smaller improvements that will come in version 22.0 or in a minor update to version 22:

* Long running AL method telemetry (eventId RT0018) will include details on SQL operations in the custom dimensions sqlRowsRead and sqlStatements.
* Outgoing web service telemetry (eventId RT0019) will include details on client type and AL stack trace in the custom dimensions clientType and alStackTrace.

KQL samples might already have been updated, see [BCTech/samples/AppInsights/KQL/Queries/ExampleQueriesForEachArea at master · microsoft/BCTech (github.com)](https://github.com/microsoft/BCTech/tree/master/samples/AppInsights/KQL/Queries/ExampleQueriesForEachArea)

The Power BI apps will be updated to use this information in the June/July 2023 updates.

**Coming soon/in the works (no ETA given)**

* Information on files blocked from upload due to malware scanning (only in the online version).
* PTE validation signal (PTEs that block updates to next major)
* Cloud migration signal

# Documentation improvements

**KQL samples added to docs**

We added KQL samples to the docs pages on XXX telemetry

This is the beginning of moving more content from BCTech into docs. Stay tuned for more of this coming to docs.

# Tips and Tricks

# Blog posts and videos

TODO

Did you know that the BCTech repo has pages with links to blog posts and videos on telemetry?

Blogs: <https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/BLOGS.md>

Videos: <https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/VIDEOS.md>

If you create blog posts/videos on telemetry (or know of things that are not linked from these two pages), feel free to do a pull request to the repository (or send me an email/message)

**That’s all folks!**

That's it for the june newsletter. If you made it all the way down here, then you are truly a Telemetry Hero. See you in a month.

PS. Would love to hear your experiences on using alerts to be more proactive. Reach out (or blog about your experiences.)

PPS. It is not too late to rate the Power BI apps on Appsource 😊 Your feedback matters (a lot).

Do it here:

<https://appsource.microsoft.com/en-us/product/power-bi/microsoftdynsmb.bc_telemetry_pbi_app>

(for environment telemetry)

or

<https://appsource.microsoft.com/en-us/product/power-bi/microsoftdynsmb.bc_telemetry_pbi_app_isv_version>

(for app telemetry)