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

It is October and it has been a month since the last newsletter. In the last month, we have been super busy getting the 2023 release wave 2 tested and ready and then also been preparing launch event sessions. So not a lot of innovations on the Power BI apps on telemetry. But some news to share in the space of Business Central telemetry.

As always, the bleeding edge news on Dynamics 365 Business Central telemetry happens on Twitter/X (not sure about the future of this platform, but will stay there for a bit), 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 October 2023 edition, read about these things:

* Business Central launch event
* Power BI Usage apps – October updates
* New signal/updates
* Documentation updates
* New blogs and videos

# Business Central launch event

Join me on October 10-12 to see what’s new in Dynamics 365 Business Central 2023 release wave 2 at the Business Central Launch Event, a free virtual event for everyone from reselling partners to consultants, and ISV partners. I am hosting the session *What’s new in telemetry*

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and also a Q&A on the topic. Join me and thousands of other Business Central fan-people!

Register today: <https://aka.ms/BCLE>

# Power BI Usage apps – October updates

The October updates for both apps mainly focus on small bugfixes (only listed in the release notes) and enhanced filtering.

## For both apps

## Environment Usage app (for VARs)

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

## App Usage app (for ISVs)

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

# New signal/updates

**New job queue event: Job queue entry cancelled (23.0)**

When a job queue entry is cancelled, we now emit an event to telemetry.

Documentation: <https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-job-queue-lifecycle-trace#cancelled>

KQL sample code: <https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/KQL/Queries/ExampleQueriesForEachArea/JobQueue.kql>

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

PTE validation signal (coming in September 2023) (PTEs that were uploaded in the Extension management page and PTEs that block updates to next major)

Early KQL samples are out now. Check them out here:

<https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/KQL/Queries/ExampleQueriesForEachArea/PTEEnvironmentValidation.kql>

<https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/KQL/Queries/ExampleQueriesForEachArea/PTEUploadValidation.kql>

Pageviews on queries (coming in 23.0)

Configuration of changelog (coming in 23.0)

Business Events lifecycle events (coming in 23.0)

Onboarding telemetry: format data of date dimensions

Information on files blocked from upload due to malware scanning (only in the online version).

Usage of Queries (coming in 23.0)

# Documentation updates

**Analyze report usage and errors**

We added KQL sample code on report telemetry directly in docs. Makes it super easy to copy-to-clipboard KQL code for further analysis, also for people who are not into troubleshooting.

For more information, see

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-reports-trace>

**KQL walk-through example**

We added a KQL walk-through example to help #msdyn365bc people get started analyzing telemetry. Jannik Bausager was the test pilot for the guide and he was very excited to dig into the data. He also said that "it was actually not that difficult to do".

Check it out here: <https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-analyze-with-kql#kql-walkthrough-example---understand-report-usage>

**Report performance**

We added new content on tuning strategies for reports. Will help you to use telemetry data to identify performance bottlenecks and possible ways to make reports faster.

For more information, see

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-report-performance#analyzing-report-performance-telemetry>

**Environment lifecycle errors**

We added copy-to-clipboard KQL sample code for all failures that can happen in environment lifecycle.

For more information, see

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-environment-lifecycle-trace#sample-kql-code-failed-environment-updates>

# Tips and tricks

N/A.

# Blog posts and videos

Tomas Kapitan blogged on “Use Transformation Rules to lower the costs of BC Telemetry”, see

<https://kepty.cz/2023/09/09/use-transformation-rules-to-lower-the-costs-of-bc-telemetry/>

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 September 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)