**What's new in Dynamics 365 Business Central telemetry - June 2023 (part 2)**

It is time for the BCTechdays 2023 conference, and I left you guys a bit in the June 2023 (part 2) that the June release(s) of the Power BI apps on telemetry would be postponed until this time. Well, now it is time to reveal why…

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 (part 2), read about this one thing:

* Power BI Usage apps – June updates

# Power BI Usage apps – June updates

The June updates for both apps include many of the new cool types of telemetry we got in the version 22 release. And if you work with performance tuning, you are also in for a treat. We added AI-driven visuals to many of the pages in the performance report. Does this qualify to be called Co-pilot on telemetry? Maybe not. But I do think that the new capabilities can provide some guidance on places to start investigations. Please let me know if these visuals provide valuable insights for your data – this is very hard to test on demo data.

**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

On all pages, we added overview section with AI visuals and top 10 avg:

An AI generated summary in English

AI generated key influencers to performance metrics

AI generated segmentation of the dataset for this page

An AI guided decomposition tree where you can analyze patterns

Top 10 slowest entities

Top 10 slowest entities over time

The *Summary* visual contains AI generated summary in English (might not show anything if there is not enough data for the AI to analyze.)

<insert screenshots>

The *Key Influencers* visual contains AI generated key influencers to performance metrics (might not show anything if there is not enough data for the AI to analyze.) Click on an insight to compare to the average of the full population.

<insert screenshots>

From the same visual, you can also see AI generated segmentation of the dataset for this page (might not show anything if there is not enough data for the AI to analyze.) Click on a segment to learn more.

<insert screenshots>

Next visual is an AI guided decomposition tree where you can analyze patterns. Let AI pick the next step (see the light bulp icons) or pick the dimension you want to explore.

<insert screenshots>

Finally, you can see top 10 slowest entities (on average) and top 10 slowest entities over time. Pick one row and then scroll down to the detail report (which is now filtered to your choice)

<insert screenshots>

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

<insert screenshot>

On the page 'Long Running AL', we now use the new dimension exclusiveTime (this dimension was introduced in 21.6/22.0) to analyze long running AL methods (excluding time spent in modal dialogs).

<insert screenshot>

**Environment Usage app**

Error report

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

<insert screenshot>

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>

**That’s all folks!**

That's it for the June newsletter (part 2). If you made it all the way down here, then you are truly a Telemetry Hero. See you in a week.

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)