

Database performance monitoring on my Apple Watch!?

Nick Finch – CTO DataPA

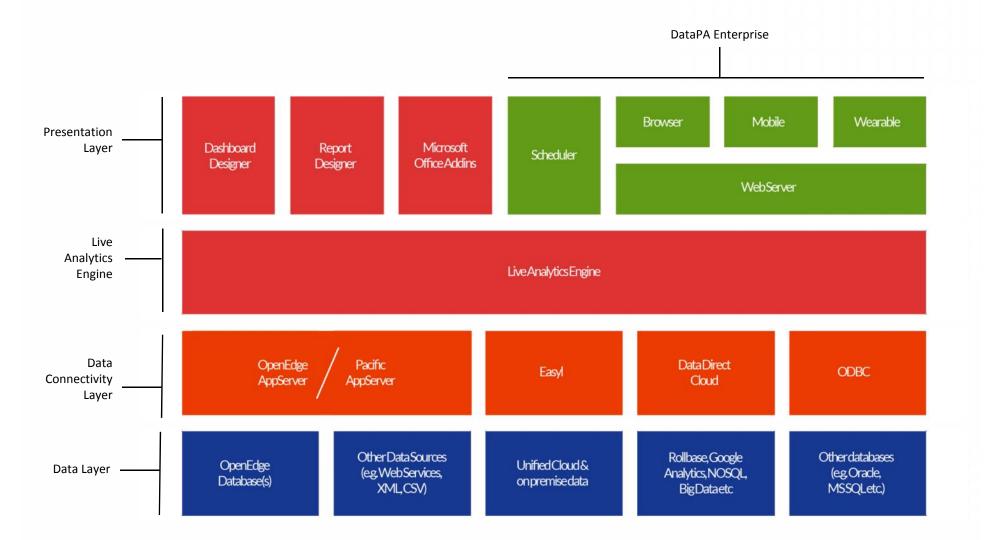
Introducing DataPA

PA

The leading provider of live and embedded analytics to the Progress Community



Introducting DataPA OpenAnalytics





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Why Database Security and Monitoring?



A simple Environmental Variable switch provides access to VST's. Now we can build dashboards that show;

- Memory Usage
- Schema Area Usage
- Table Locks
- Startup parameters
- Anything you see in PROMON

and publish them to we and mobile devices with a single click



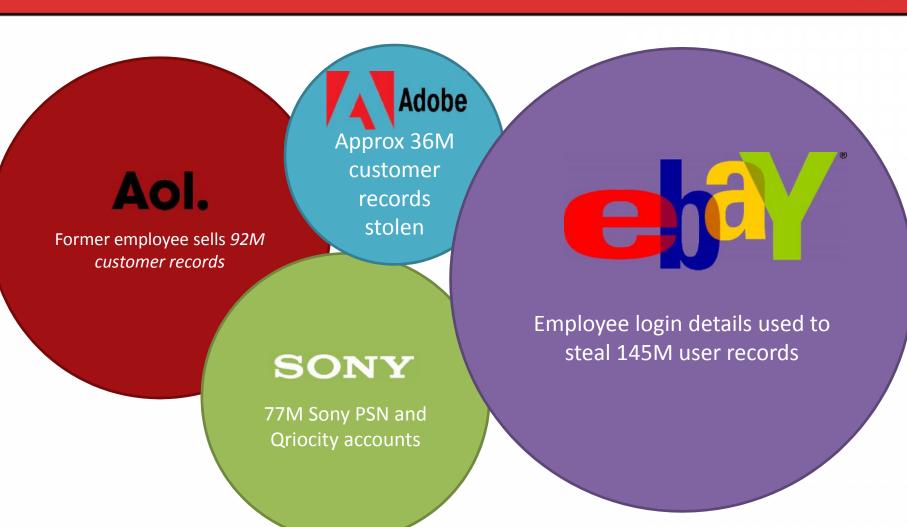
In the meantime ...







Why is this relevant to database monitoring?



http://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/



Late last year the story was different





- 9th November 2014 a Hacker exploits shellshock vulnerability on old prototype server hosted on Amazon Web Services and gains access to AWS API access key
- Using these keys, the hacker whitelists their IP address and opens a config file containing the database password.
- Hacker then begins to copy 500K user records, operation locks the table
- Database monitoring raises an alert, staff see unrecognised IP address and block it before hacker accesses 1% of records



Be alerted anywhere, any time







Be alerted anywhere, any time



Bespoke alerts, created by "citizen developers" in seconds to deliver live intelligence when and where it matters;

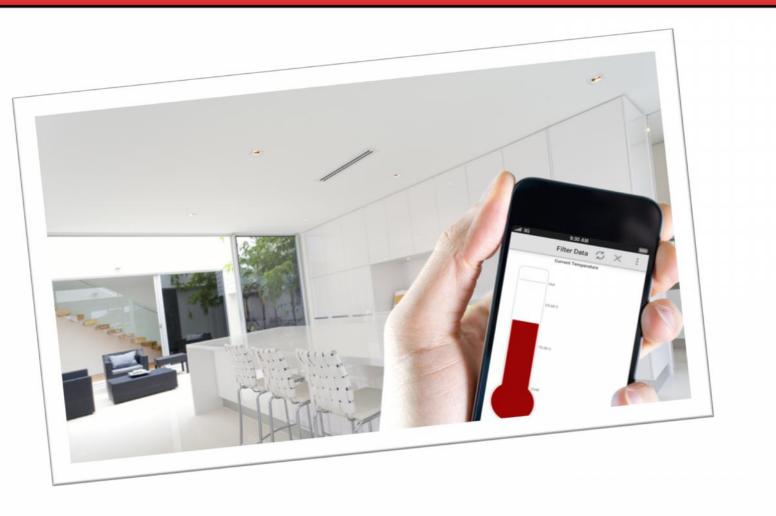


- Factory shift manager alerted immediately on factory floor when demand rises significantly
- Retail area manager alerted demand for a particular product rises whilst driving to a large store
- Sales manager alerted whilst in a meeting that sales target has been reached



Combining alerts with IoT sources





https://enterprise.datapa.com/DataPA/Dashboard.aspx?ID=1ef23c27-1b2e-4281-9429-9230a4cfabc3



Share discoveries with live collaboration

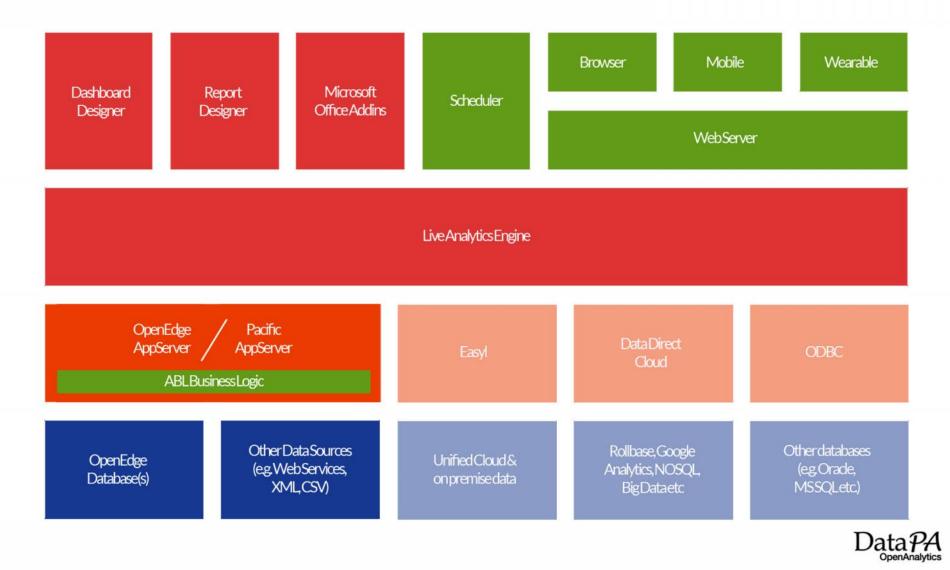






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Simplicity, performance and flexibility with native AppServer Connection





Save time and effort with familiar Progress Syntax throughout

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Rapid BI implementation with calculated fields from existing ABL Business Logic

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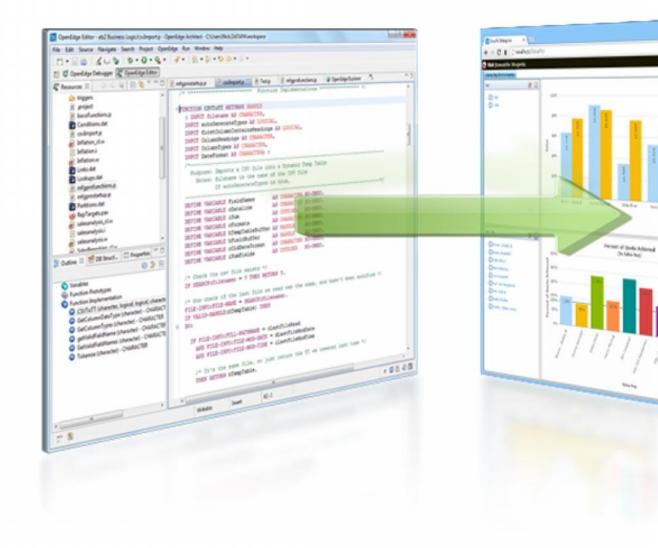
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Solve any requirement with BI from ABL generated temp table





Embed OpenAnalytics in any Progress Client





Questions



