

# SYNERGY 2015

SEATTLE, WA, USA



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## Serious SQL

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# Connectivity gets serious...

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- Started as a way to use database servers to manage “DataFlex” data
- Basic access to data not “owned” by DataFlex
- Expand access to SQL capabilities (mainly using ESQL)
- Enhance support for native data types
- Deeper integration with the Framework
- Access more features directly through the Studio
  
- Essentially, remove barriers between DataFlex and the capabilities of SQL servers to increase application capabilities, development efficiency and performance

# DataFlex and Connectivity

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- Connectivity 6.x
  - Visual DataFlex 17.1 – 6.0.0.15
  - DataFlex 18.0 – 6.0.0.32
  - DataFlex 18.1 – 6.1.0.12 (so far)
- CKs can be used with previous host revisions, but...
  - Some features are tied to the runtime
  - Other features are not as easy to use (or even available) without the latest Studio or DataBase Builder

# Connectivity 6.x Improvements

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- Native data type support
- Improved restructure
- Auto reconnect
- SQL Filters in DDs (including suggestion forms)
- Native data type modeling in the Studio
- Improved embedded SQL capabilities
- Primary keys and clustered indexes
- Identity and GUID columns
- Improved conversion and connection wizards
- Improved performance

**Let's focus on changes specific to  
18.1...**

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# Let's see how this stuff all works...

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- Primary and Foreign Keys
- Identity and GUID Columns
- Connect Wizard
- Conversion Wizard
- Studio Integration
- Restructure

# Thank you...

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