

DataFlex Entwickler Tag 2017



State of the Union

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My agenda

- Welcome
- Company status
- Product Status
- Strategic Product Initiatives

Company Status

- Solid, profitable, financially secure
- Adding technical staff for key initiatives
- Building the company and products to grow and to serve you in the future

Product status – reporting & BI

- DataFlex Reports 6.1
 - The tool for integrating pixel-perfect reports with DataFlex web, mobile and Windows apps
 - Released in August; 6.1.3 update in October
 - Vincent will tell us the full story
- Dynamic AI
 - Solid, versatile BI, dashboards & web reporting
 - Stand-alone installations or integrated with DataFlex
 - Carsten will “show and tell” about the exciting new v7

Product Status – DataFlex

- Current version: DataFlex 19.0
 - Released in August...
 - Many advances for Mobile, web and Windows
 - “Core” enhancement for SQL & connectivity
 - Well accepted among developers worldwide
 - 2 presentations today by Harm:
 - A summary of the release’s features
 - Focus on SQL integration in DataFlex 19.0

Product Status - What's next?

- DataFlex 19.1
 - Being planned; emphasis on...
 - SQL integration & connectivity
 - Enhancing managed connections
 - More web controls; “back button”
 - Windows compatibility, DPI etc.
- And more...

Strategic DataFlex Initiatives

New announcements today!

Strategic Initiatives - Background

- We are committed to...
 - Making DataFlex a stable, reliable, high productivity application platform that developers and users can count on today and in the future
 - Maintaining your application investments by providing continuity across product revisions and the industry's rapidly advancing technologies

Strategic Initiatives - Background

- Year after year, we deliver DataFlex new revisions with planned, easy-to-adopt features and enhancements
 - Example: DataFlex 2017/19.0
- The DataFlex platform must also grow to support new technologies and capabilities
- Strategic product initiatives are required

Strategic DataFlex Product Initiatives

- Major DataFlex enhancements to ensure that our developers can create and deploy competitive applications in the future

Strategic DataFlex Product Initiatives

- Major DataFlex enhancements to ensure that our developers can create and deploy competitive applications in the future
- We are pleased to announce today...

64-bit DataFlex
Unicode DataFlex

64 Bit DataFlex

64 bit Operating Systems - background

- All current Microsoft Windows OSs are 64-bit
 - Windows 10 for the desktop and tablets
 - Windows Server – all current versions
- 64 bit systems can use more system memory
 - Up to 24 TB on Windows Server 2016
- Simply, 64 bit is the current and future specification for operating systems

64 bit Operating Systems - background

- 64-bit Windows runs 64 and 32-bit applications
 - Eventually, all applications will be 64 bit
 - Many applications currently let you choose between 32 and 64-bit versions
 - Some applications currently run only as a 32-bit version
 - Current DataFlex: Studio, WebApp Server, Windows Clients
 - Microsoft Visual Studio 2017

64 bit Operating Systems - background

- 64 and 32 bit applications do not operate well together
 - 64-bit applications only inter-operate with other 64-bit operations and 32-bit applications only operate with other 32-bit operations
 - This is a byproduct of the 64-bit processor architecture.
- Application developers require the *choice* to deploy 32 *or* 64 bit environments .

We are building a 64 bit DataFlex

- The result will let you build and deploy your applications as 32 *or* 64-bit versions
- This provides
 - Maximum flexibility while your applications and your customers exist in a 32-bit environment
 - A smooth path to the future

64 bit DataFlex – status...

- The 64-bit DataFlex project was quietly started over 1 year ago
- New, dedicated resources are assigned
- Implementation is underway. Progress is good...
 - Many modules are converted to 64-bit; more remain
 - Still a work in progress
 - Many internal changes; lots of testing is required
 - No technical details or release dates are available yet

Unicode DataFlex

First, what is Unicode?

- **“Unicode*** is a computing industry standard for the consistent encoding, representation and handling of text expressed in most of the world's writing systems”
 - A total of 139 written languages supported
 - There are **136,755** characters in Unicode
- Unicode is the standard for character data

*Wikipedia

Practically speaking, Unicode...

- Includes the Euro (€) and all other currency symbols
- Includes all characters from all 139 supported languages – no code pages, no OEM or ANSI
- Enables multiple languages in one application
 - Example: a German web application that can accept Italian, Swedish and Russian names and addresses

DataFlex & Unicode

- DataFlex now uses the OEM character set
- As the standard for data storage & handling, a Unicode DataFlex is necessary for the future
- **We are building a Unicode DataFlex**

Unicode DataFlex – status...

- The Unicode DataFlex project was started this year
- New, dedicated resources are assigned
- Design and planning are underway
 - An early work in progress
 - No technical details or release dates available yet

Goals for 64 bit and Unicode DataFlex

■ Product Goals

- DataFlex will fully support 64 and 32 bit applications
- DataFlex will be a fully Unicode product

■ Continuity Goals

- Minimize changes in developers' code
- Recognize that to enable 64 bit and Unicode, some code changes will be needed
 - Identify necessary code changes and provide a roadmap and assistance to ease the application migration
- Do not force change until developers are ready for it

Closing points....

- You have a solid, reliable partner in Data Access
- Recent, feature-packed DataFlex product releases fulfill developers' mobile, web and Windows needs with more to come!
- Strategic product initiatives are underway to take us and DataFlex to the future together

Thanks....

- To you for joining us today
- To our Channel Partner **Data Project** ...for organizing DataFlex Entwickler Tag 2017

Vielen Dank für Ihre Aufmerksamkeit!

