



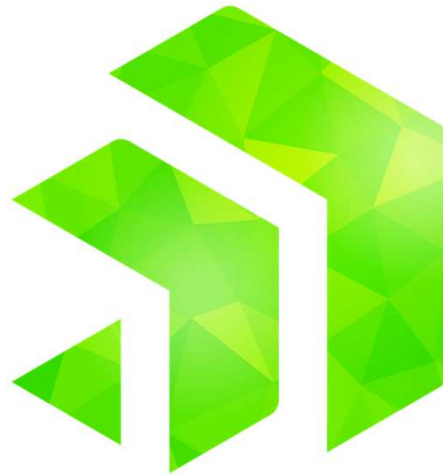
OpenEdge 12.0

Powerful. Available. Exceptional.

Piotr Tucholski
Senior Consultant

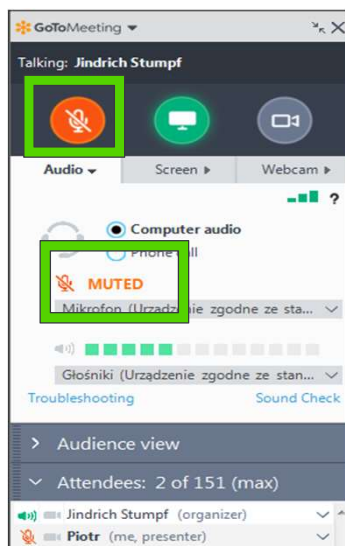
Jindřich Štumpf
CIO Galeos

Warszawa 12.03.2019



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GoToMeeting: Ustawienia



- Proszę wejść do panelu
- Upewnić się, że mikrofon jest wyłączony: **muted**
- **Sesja nie może być anonimowa. Proszę podać swoje nazwisko i nazwę firmy, w przeciwnym razie sesja zostanie rozłączona. Dziękujemy.**



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 Progress® OpenEdge®

12

Powerful. Available. Exceptional.

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Powerful – Wydajność & Skalowalność



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OpenEdge 12.0 – Wydajność & Skalowalność

OpenEdge Database Server: *Multi-threaded Processing*



Today, DB access requests are handled one-at-a-time

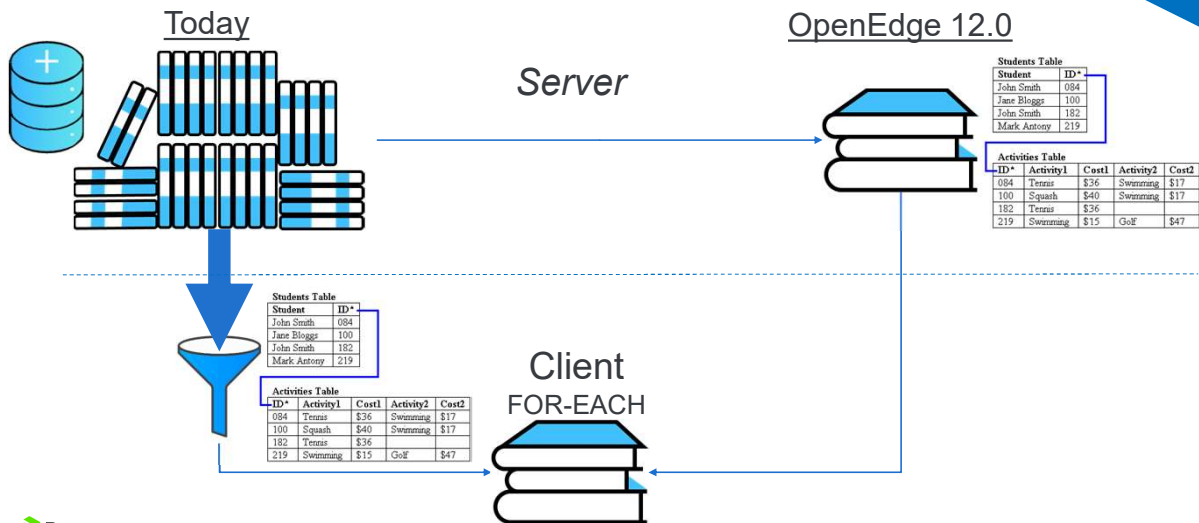
In 12.0, DB access requests are handled **Concurrently** for Remote Clients



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OpenEdge 12.0 – Wydajność & Skalowalność

Language: *Resolve Table JOINS on the Server*



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OpenEdge 12.0 – Wydajność & Skalowalność



- ABL & OpenEdge Database
 - Reduce contention on the database buffer hash table
 - Streamline Server-side Table JOINS Phase 1 – FOR-EACH queries
 - Multi-threaded Database Server
 - **No coding changes required!**
- SQL
 - Autonomously update statistics

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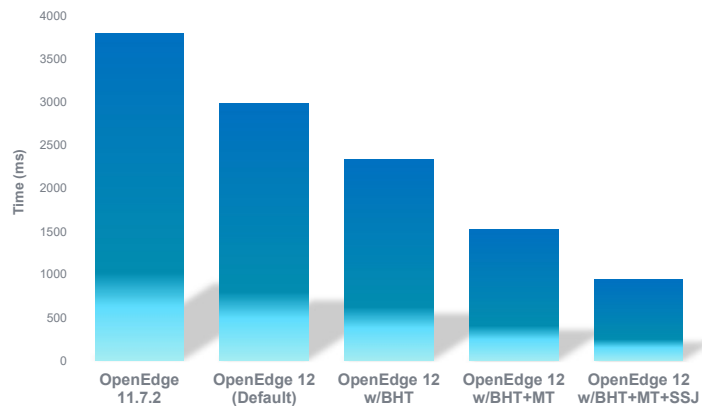
Powerful

Up to **3x**

throughput versus 11.7
in N-tiered deployments

*Your results may vary depending on
architecture and use-case*

Transaction Time Comparison (milliseconds, lower is better)



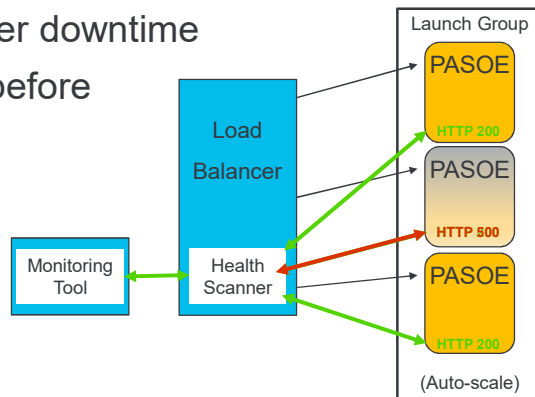
8

Available



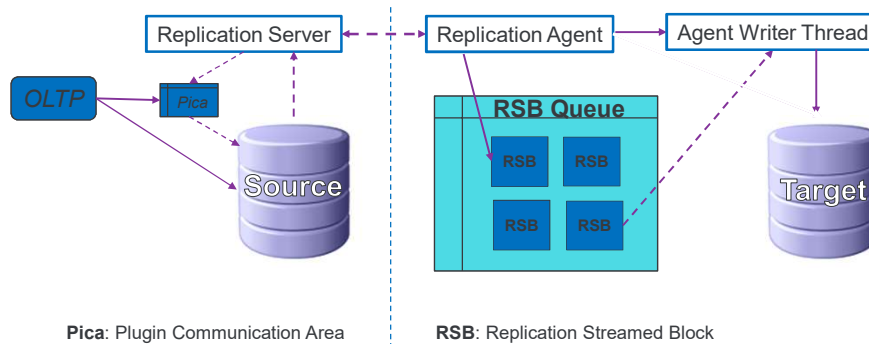
OpenEdge 12.0 – Available

- Monitor PAS for OpenEdge health
 - CPU, memory, disk, swap space, etc.
 - Tomcat, JVM, etc.
- Improve resilience, and lower downtime
- Supports corrective action before failure happens



OpenEdge 12.0 – Available

- Improved protection from data loss – Replication AI file streaming



OpenEdge 12.0 – Available

- Improved Resilience:
 - Monitor PAS for OpenEdge health
 - Replication AI file streaming
- Additional Online Operations:
 - SQL Drop Index, Column or Trigger
 - SQL Rename Index or Column
 - SQL – JVM management and configuration
 - Startup parameters: default settings, increasing online, auto-tuning (autonomics)
 - Database log file archive and truncate, index build, BI space reclamation
- Container Support
 - PAS for OpenEdge pre-configured and supported in Docker

OpenEdge 12.0 – Available - Bezpieczeństwo



- Use external authentication providers – OAuth2 and SAML support in PAS for OpenEdge
- Most-current Spring security, OpenSSL and SOAP libraries
- Removed vulnerable security ciphers – RC4 and MD5
 - Data (Transparent Data Encryption) and communication (SSL/TLS)
 - User authentication (Authentication Gateway, Client Principal)
 - Security Migration Guide

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Exceptional – Ewolucja Aplikacji



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OpenEdge 12.0 – Ewolucyjne Narzędzia



- Coding:
 - Execute FINALLY blocks during STOP processing
 - Set a return code on application exit
- Compilation:
 - Supply Progress Compilation Tools (PCT)
- Refactoring
 - Rename parameters, properties and more

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OpenEdge 12.0 – Ewolucyjne Narzędzia

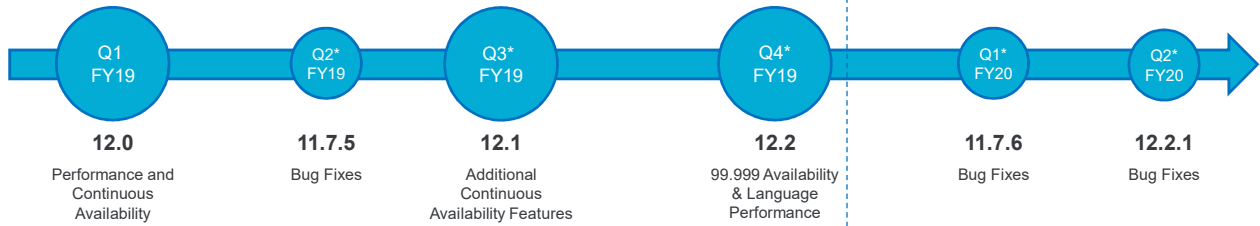
- Improve ABL code quality as early as possible in the dev cycle
- SonarQube ABL plug-in for code inspection
- Integrated into PDS for OpenEdge
- Extensible

The screenshot shows the OpenEdge Editor interface. The main window displays the source code for 'BasicOperations.cls'. The code includes a class declaration and two variable definitions. The SonarLint report panel at the bottom shows 16 items, with a red box highlighting the first two items:

Resource	Date	Description
BasicOperations.cls	2 minutes ago	NO-UNDO not specified in variable declaration
BasicOperations.cls	3 minutes ago	Unused variable iVar

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Kalendarz OpenEdge

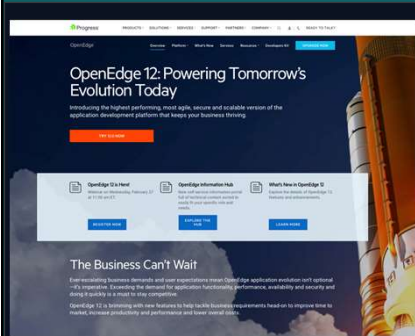


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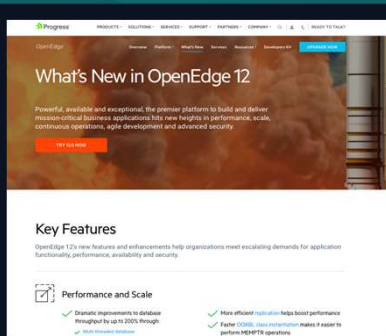
17

17

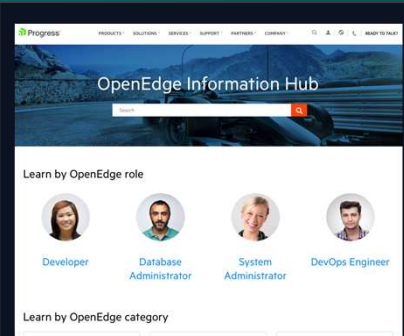
Więcej Informacji



Progress.com/openedge



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PROGRESS SOFTWARE Blog dla użytkowników technologii Progress Software

OpenEdge 11.7

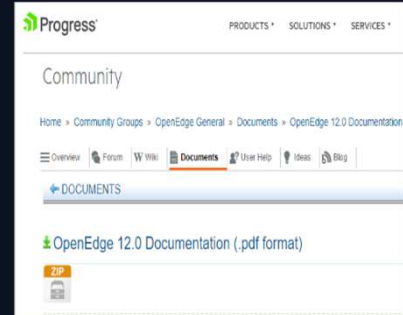
Wprowadzenie do OpenEdge 11.7

Nowe funkcje OpenEdge 11.7

Nowe funkcje OpenEdge 11.7

Nowe funkcje OpenEdge 11.7

blog-progress.pl



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OpenEdge 12.0 Documentation (.pdf format)

[community.progress.com/
community_groups/openedge_general/
m/documents/3682](http://community.progress.com/community_groups/openedge_general/m/documents/3682)

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OpenEdge 12.0 Zmiany licencjonowania – Podsumowanie

- Machine & CPU License -> Deprecated
- Development Tools -> Named User Model Only with one exception
- EULA 12.0 -> Recap
- Order conditions -> Schema/Picture is required

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No Machine or CPU License Models

- Machine Model comes from the days when a machine had a single CPU
- CPU Model comes from the days when a machine had a single core
- **Starting with OpenEdge 12.0 – both models are deprecated**
 - Machine Model - no conversion available
 - All CPU based licenses will be converted into CORE Model 1:1

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Development Tools Recap

- Progress V9 - all development tools used Concurrent User
- Progress OpenEdge 10 and 11 – Named User or Registered Device
 - Concurrent were „grandfathered“
- Development tools „should be“ per Named User
- **Starting with OE12.0, only Named User**
 - PDS for OE, OE Studio, ProVision, ProVision Plus
 - 4GL Development = Exception
 - Registered Device model is possible to use

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Migration Path

- When customer moves to OpenEdge 12.x

Product(s)	License Method	Action
PDS for OpenEdge, OE Architect	Concurrent User	Convert to Named User using Trade-in Value
OE Studio		
ProVision, ProVision Plus		
Multiple Products	Registered Device	Exchange 1-for-1 for Named User at no cost

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End User License Agreement – EULA recap

- Contract between Progress and you, establishing your right to use the software with its associated terms and conditions of use
- You accept it by installing the software
- License model and its attributes definitions:
 - Single platform?, Single server?, Single core?, Server/Platform transferable?
 - Standard vs. Occasional vs. Unknown Users
 - Is concurrency allowed?
 - Do you create and maintain Disaster Recovery?
- All server side batch processes are subject of a license excluding:**
 - Progress system processes
 - SQL engine process [SQLUSER] / [SQLDEVICE], sysprogress (if initiated by standard application users)
 - SYSTEM / root – if only used for database startup, shutdown, backups etc. are excluded

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Warunki zamówień

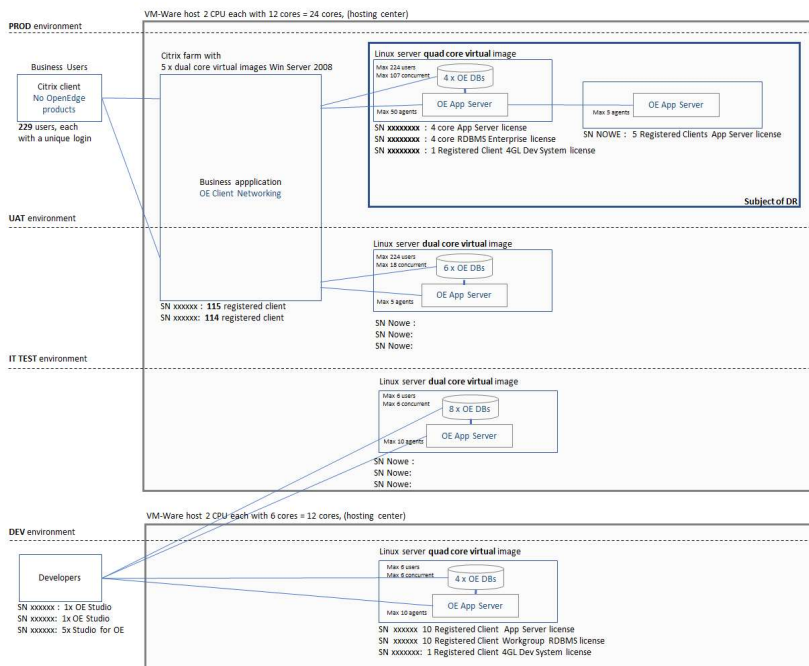
- Nowy cenik Galeosu dla OpenEdge od kwietnia
- Zamawiając nowe licencje, Galeos wymaga zarysu ogólnego wdrożenia.
 - Zarys musi odzwierciedlać sposób korzystania zarówno z nowo zamówionych, jak i używanych już produktów Progress OpenEdge.
- Dla PoA/SaaS partnerów jeden typowy schemat wystarczy

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Przykład Schematu Architektury

Bez tego nie będą zamówienia akceptowane

Schemat OE Produktów, 2018-11-20 dla PROD + UAT + IT TEST + DEV + DR środowisk



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Co nowego w OpenEdge 12.0 Webinarium

Wtorek 12. marca 2019, 14:00-15:00

Agenda

- Wprowadzenie (kalendarz wersji)
- Dostępność i bezpieczeństwo danych
- Wydajność i skalowalność
- Rozwój aplikacji
- Zmiany licencjonowania

Adres

- <https://global.gotomeeting.com/join/678036477>

Mówca

- Piotr Tucholski / Jindrich Stumpf

Prezentacja

- [Co_nowego_w_OE12.pdf](#)

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