



FinPUG 2019 SEMINAR PROGRAM

"Business Application Evolution"

Time:

23.-25.05.2019

Location:

[Ferry Princess Anastasia, Helsinki](#) and [Petro Palace Hotel, Saint-Petersburg / OAK ROOM](#)

Speakers:

- Klaus Erichsen, [IAP GmbH](#)
- Matti Väänänen [Digia Oyj](#)
- Patrik Wikström [Digia Oyj](#)
- Paul Koufalis, [White Star Software LLC](#)
- Marko Myllymäki, [CGI Suomi Oy](#)
- Marek Bujnarowski, [Progress Software Corporation](#)
- Brent Adonis, [Progress Software Corporation](#)
- Valeriy Bashkatov, [Progress Technologies](#)

Program:

Thursday, May 23rd, 2019

Ferry Princess Anastasia - Meeting Facilities:

- | | |
|-------|--|
| 13.00 | <i>Welcome, opening, housekeeping</i> |
| 13.15 | Modernization project analysis: We found pattern! - Klaus Erichsen |
| 14.15 | Showcasing DigiaFramework Web UI – Matti Väänänen and Patrik Wikström |
| 15.00 | <i>Coffee break</i> |
| 15.30 | Progress 4GL Code Performance: You don't know <beep> about Indexes - Paul Koufalis |
| 16.30 | The Case Study of Modernizing the Application – CGI Profio360 – Marko Myllymäki |
| 17.15 | Managed Database Administration - Marek Bujnarowski |
| 18.00 | <i>Closing of the meeting</i> |
| 19.00 | Buffet Dinner, evening program, interviews, lottery |

Spouses and avecs must be in ferry no later than at 18. But, come earlier.

Friday, May 24th, 2019

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|-------|--|
| 08.00 | Buffet Breakfast |
| 09.00 | Passport Check, Transport to Conference Hotel - Sight Seeing |

Program changes are possible.

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"Business Application Evolution"

Program:

Friday, May 24th, 2019

Petro Palace Hotel – Oak Room - Meeting Facilities:

- 11.00 What's new in OpenEdge 12 – Brent Adonis
- 12.00 OO Pattern for ABL – Klaus Erichsen
- 13.00 *Business lunch*
- 14.00 Leveraging ProTop in Your Dev, Test and Production Environments - Paul Koufalis
- 15.00 *Coffee break*
- 15.30 Experience of Using Pro2Oracle + OE CDC - Valeriy Bashkatov
- 16.15 Data Management – Marek Bujnarowski and Brent Adonis
- 17.00 *Closing of the meeting*

- 19.00 The ship leaves for Helsinki.
- 19.00 Buffet Dinner

08.00 Breakfast, Arrival in Helsinki (Saturday, May 25th)

Travel extension

Willing participants stay in St. Petersburg for the weekend when:

Friday, May 24th, 2019

- 19.00 Evening entertainment / dinner - [CRAFT BREW CAFÉ, Malaya Morskay, 15](#)

Sunday, May 26th, 2019

- 18.00 The ship leaves for Helsinki.
- 19.00 Buffet Dinner

07.00 Breakfast, Arrival in Helsinki (Monday, May 27th)

Program changes are possible.

Speakers' bios



Klaus Erichsen

Managing Director, IAP GmbH

Klaus studied electro technique until 1989, then immediately started working as software developer with 4GL. Over the years he co founded IAP in 1992, tuned some big databases, created several applications and frameworks together with his colleagues. Today he works in the areas of technical consulting, system design, DB tuning and marketing. Web technologies and web trends are always in his scope of attention. He is a speaker in the OpenEdge community.



Paul Koufalis

Progress OpenEdge DBA at White Star Software

Paul began his OpenEdge DBA career nearly 25 years ago after completing a Computer Engineering Degree at McGill University. If he's not staring at his multiple computer screens, you can probably find him speaking at a Progress event somewhere in the world or being roughed-up by his twin boys back home in Montreal. Paul can be reached by email at pk@wss.com.



Valeriy Bashkatov

OpenEdge Principal Consultant, Progress Technologies

Since 2003 I have been working with the Progress OpenEdge databases. Today I am working at Progress Technologies, which is the official distributor and partner of Progress Software in Russia, the CIS countries and Latvia. Within the zone of my responsibility are hundreds of clients from small to large business, including the largest banks in Russia, which use the entire product line of Progress Software. The largest of them have thousands of users working with the OpenEdge databases and the sizes of these databases reach tens of terabytes.

**Marko Myllymäki**

Architect, CGI Suomi Oy

Marko is a software architect involved in developing CGI Profio360 ERP system's framework and technical architecture. He has used Progress technologies since 1994, focusing on OpenEdge. He is also familiar with .NET/C#, Java and JavaScript among others.

**Matti Väänänen**

Senior Software Engineer, Digia Finland Oy

Matti is a full stack developer specialized in developing SaaS based web solutions. He has been working in Digia since 2008 and done various tasks including designing and developing software with technologies like Ruby on Rails and Java to creating automation testing with Robot Framework. Currently Matti is acting as a lead developer in frontend team modernizing Progress based ERP system and product family. In addition to doing hands-on coding work with JavaScript, JSDO, Kendo UI and other web technologies on daily basis he also has basic knowledge of Progress OpenEdge. He is interested in DevOps mentality when developing software and is focusing on implementing build automation and cloud based infrastructure.

**Patrik Wikström**

Software Architect, Digia Finland Oy

Patrik Wikström is a software architect in the Enterprise R&D team at Digia where he works on technical implementations that would benefit the whole Enterprise development community. He has been working with Progress since year 1996 and OERA-architecture implementations has always been one of his main interests and which he can now enjoy through the work on the DigiaFramework that is based on the SmartComponentLibrary.

**Brent Adonis**

Senior Sales Engineer, Progress Software Corporation

Brent joined the Progress Software team in 2000 and held various roles all related to OpenEdge Development and OpenEdge DBA. He spent 5 years in the Data Connectivity and Integration team and worked with large OEM as well as Direct customers and Partners with their Data Connectivity solutions for RDBMS's, Big Data and NoSQL data sources in the cloud, on-premise and in hybrid cloud architectures. Currently Brent is working with OpenEdge partners in EMEA with their Application Evolution projects and helping to equip them to take advantage of the new technologies available in OpenEdge to keep their applications competitive in their markets.

**Marek Bujnarowski**

Manager - MDBA Services, Progress Software Corporation

In 2000, Marek joined Progress Software Technical Support EMEA Centre in Rotterdam, where he spent 15 years. In addition to his principal support role covering OpenEdge backend and middleware infrastructure, he's been coaching engineers in Kepner-Tregoe problem solving and troubleshooting methodologies for many years. Having experience with various QMS and CPI standards, Marek was part of every quality oriented initiative in Technical Support. In 2015, Marek joined Progress Professional Services team as a senior consultant to expand extraordinary "Managed DBA" services in Europe. Currently, he is leading a top-class team of Progress experts who provide professional consulting for all OpenEdge backend related products and features. With Marek's background in support and now in MDBA, one of his and his team's main focus has always been on adding quality aspects to services and ensuring customer success with every challenge or project.

Breakout Sessions

Thursday, May 23rd

Modernization project analysis: We found pattern!

Modernization OpenEdge projects is a process - which fails sometimes... Over the last years we did several projects and found they have often common pattern. We will give advice what you can expect to show up in a modernization project and how to bring it to success. The presentation will discuss reasons to modernize, methodologies to modernize and safe paths (pattern) to modernize and customer use cases.

Showcasing DigiaFramework Web UI

Learn how Digia developed a cloud based solution which unifies multiple products under a single UI by using DevOps methodologies and utilizing Progress Openedge. DigiaFramework is a n-tier software framework based on the latest Progress technologies like Kendo UI for Angular, PASOE 11.7.4, JSDO 6.0, Consultingwerk SmartComponentLibrary and common web technologies like Angular 7, Node.js and Docker.

Progress 4GL Code Performance: You don't know <beep> about Indexes

Most programmers don't know the first thing about index bracketing. Ok, maybe they know the first thing, but the second and third thing...unlikely. Four they do not know, unless maybe they know two and three. Five is right out.

You'll learn about the differences between database queries versus temp-table queries. You'll partake in the explanation of the parsing of those pesky parentheses. And the mysteries of and and or, or is it or and and, will be de-mystified. You will shake your head, raise your fist, tell us we're wrong, maybe even cry a bit, but at the end of it all, your soul will be cleansed and you'll be a master of all things index-y.

The Case Study of Modernizing the Application – CGI Profio360

In this presentation we share our experiences of modernizing an ERP application using PASOE and a semi-dynamic web interface.

Managed Database Administration

Your databases are critical to your business but maintaining a powerful, advanced database is a full-time job. Unchain your IT staff for more important things and protect your precious information at the same time with Progress comprehensive database management services. Let us do the work, rev up your database and help extract maximum value from your investment.

Breakout Sessions

Friday, May 24rd

What's new in OpenEdge 12

OpenEdge 12 is packed with new features, like enhancements that boost database throughput performance by up to 200% and nine ways that get you closer to five 9's. You don't want to miss this release.

OO Patterns for ABL

Design pattern help to keep code reusable, readable, and to avoid problems in the long term. This presentation will describe how to implement some of the patterns in OpenEdge Object Oriented ABL. The chosen patterns are very common and often used. The view to the patterns is driven by daily, practical work.

Leveraging ProTop in Your Dev, Test and Production Environments

ProTop is a powerful tool that should be in every OpenEdge professional's arsenal. If you need insight into real time database activity, the free ProTop database monitor sorts, filters and groups realtime VST data into insightful analysis screens that help to keep the performance of your database and application in tip top shape. However, if you are responsible for the performance and availability of production OpenEdge environments, there is no better solution than the ProTop Monitoring and Alerting Service. Whether you need to monitor one database on one server or hundreds of databases, AppServers, PASOE, Tomcat and other resources spread around the world, we've combined our 30 years of experience with data from widely scattered sources to give you actionable information and alerts in one coordinated and insightful view via the ProTop Web Dashboard.

In this session we'll learn how to approach common monitoring problems through live demonstrations of the ProTop real time monitor and explain how to leverage our online web portal during your investigations. With its ability to instantly zoom in on a specific time period and show a coordinated view of multiple graphs and metrics, the web dashboard allows you to quickly link cause and effect between varied data series across hours, days, weeks, months and even years of historical data!

Experience of Using Pro2Oracle + OE CDC

Progress® OpenEdge® Pro2™ is a solution that provides easy, fast data replication from OpenEdge into a separate OpenEdge, SQL Server or Oracle database. In this session, I will share with you my three-year experience of using and implementing Pro2 for really large client's databases. I will tell you what problems we faced with Pro2 Replication and OE CDC and how we solved them.

Data Management

Evolving specific components of the OpenEdge RDBMS will provide better performance and management to achieve more uptime, increase extensibility or fortify security. This session includes information about data management options like Pro2, Hybrid Data Pipeline, Autonomous Rest Connector & OpenAccess.

Weekend in St. Petersburg

It is possible to stay for two days and spend a weekend in Saint Petersburg, one of the most fascinating cities in the world, including with your spouse. You don't need a visa, if you return in our ferry group on Sunday 26th May.

In this case, **everyone will book their own accommodation.**

The common program is evening entertainment and dinner on Friday.

Participation fees (23dr – 25th May)

FinPUG member: 300 €

Conference program, 2 dinners, 2 coffees, 2 breakfasts, lunch and accommodation (Double cabins)

Spouse/Avec: 200 €

2 dinners, 2 breakfasts and accommodation (Double cabins)

Price reduction:

FinPUG member from same company (unit), 2nd, 3rd etc. participant: - 40 €

Price increases:

Travel extension (23dr – 27th May): + 20 €

Single cabins: + 70 €

Foreign PUG member: + 50 €

Registration - no later than Friday, May 10, 2019 at: www.finpug.fi/jasensivut

The number of cabins is limited. Make sure you participate by signing up as early as possible.

Passports must be valid six months after the travel.

Note: Only FinPUG members can register at the registration site. You can and should register your spouses and avecs.

Your Member ID and Username are your email address; you can order the password of email address. If the email address is not recognized as a member, you must first join using the member's link as a "Jäseneksi".

We hope that you will be able to provide information about this event to all of your colleagues, for example by sending this message to all Progress people in your organization.

Welcome!

FinPUG ry. - the Board

Weekend Tips - Saint Petersburg

Accommodation (Two nights: May 24th - 26th):

Use booking applications to reserve hotels rooms for you, your spouse/avec and your group. They are for instance: www.trivago.fi, www.airbnb.fi etc.

Preferences: In the city center, near the subway, on the "right" side of the Neva River. The free harbor bus runs through two hotels on Vasil Island (Solo Sokos Hotel Vasilievsky and Solo Sokos Hotel Palace Bridge).

Note: **Bridges are lifted up at night**, and you cannot cross the Neva River before morning.

Tourist Program for Saturday and Sunday:

- Sightseeing tours
- Channel cruises (maybe a music program and dinner?)
- Peterhof Palace (where we go from the Winter Palace by hydrofoil)
- Isaac's Cathedral
- Church of the Savior on Blood
- Peter and Paul Fortress
- Hermitage Museum
- Russian Museum
- Alexander Nevsky Lavra
- Fabergen Museum
- Vodka Museum
- and so on.



Finland Progress User Group ry.

www.finpug.fi

Finland Progress User Group is a registered Progress user association. The association is an active and independent group with almost 300 members at present. The goal is to exchange experiences and information on Progress products and applications. The association is intended for individuals who are interested in Progress.

The goal is for each Finnish Progress developer to become a FinPUG member, meaning people who open up every day to Developer Studio, OpenEdge Studio or even a Process Editor. Now it's easy to get in from www.finpug.fi/Jaseneksi. The membership fee is 0 €.

From the application end-users, the aim is to get membership connections to each unit.

