

# FinPUG<sup>★</sup> CHALLENGE

## FinPUG CHALLENGE 2020

FinPUG CHALLENGE is an annual event of the Finland Progress User Group. The program features presentations from top experts for OpenEdge developers and end users.

The main theme this year is "PASOE" (Progress Application Server for OpenEdge), a new application server that will replace the previous "Classic" server (AppServer and WebSpeed). Another key topic is OpenEdge 12 and its further development.

Getting to know other Progress users and networking is made easy.

The seminar will be conducted in English and can be attended from any country. Participation from Sweden has been made easy. Välkommen!

## PROGRAM

Time: Thursday 26.3.2020

Venue: Cruise Turku-Stockholm-Turku, M/S Amorella ([www.vikingline.fi](http://www.vikingline.fi))

### Speakers:

- **Nikolay Vasilev**, Senior Pre-Sales Solutions Engineer | EMEA at Progress
- **Radu Nicoara**, Consultant / Developer, Consultingwerk Software Services Ltd.
- **Marian Edu**, Owner, Acorn IT
- **Bent Olsby**, DBA / Senior Software Development Engineer
- **Joonas Karppinen**, Software Developer at CGI

(Program is subject to change.)

### Thursday 26.3.2020

Finnish time

08.30 Meeting at the Viking Line terminal, handing out cabin cards

08.45 Departure from Turku, registration and morning coffee

09.00 Nikolay Vasilev

- PASOE (Progress Application Server for OpenEdge)
- PASOE + REST, incl UI tech, JSDO and webhandlers

10.00 Radu Nicoara

- Opening OpenEdge Apps to Web & Mobile Platforms using the JSDO

11.00 Marian Edu

- Angular and PrimaNG

12.00 Buffet Lunch

1:15 PM Radu Nicoara

- Responsive SPAs Made Easy with Angular & Bootstrap

2:15 PM Marian Edu

- Zamolxis ERD

15.15 Coffee Break / FinPUG Annual Meeting



## FinPUG CHALLENGE 2020

- 16.00 Nikolay Vasilev
- OpenEdge 12
  - News in OE 12.1 + and plans for OE 12.2 and beyond
- 17.00 Bent Olsby
- OE Security from a OpenEdge standpoint
- 17.45 Joonas Karppinen
- Elastic search
- 18.15 Bent Olsby
- CD/CI (Continuous Integration, Continuous Delivery, Continuous Deployment) for OpenEdge
- 19.00 Closing of the seminar (Finnish time)
- 20.00 Buffet dinner (Swedish time, = 21.00 Finnish time)
- FinPUG evening program, interviews, lottery
  - Evening onboard

### Friday 27.3.2020

- Sea Breakfast
- 7.35 Return to Turku

#### Contacts:

By Train From Helsinki Directly To Turku Port - Thursday:

05:17 - 07:48

From Tampere:

05:56 - 08:09

## Participation fees:

A. Travel from Finland 250 € (single room)

B. Travel from Sweden € 300 (single)

Note. Discount from another, third, etc. participant from the same company (billing address) -50 €.

#### Contains:

- Accommodation
- Seminar Program
- Morning coffee
- Buffet lunch
- Afternoon Coffee
- Buffet dinner
- Sea Breakfast

## Registrations:

[www.finpug.fi](http://www.finpug.fi) no later than Friday 6th March 2020.

## Speakers:

**Nikolay Vasilev,**  
**Senior Pre-Sales Solutions Engineer | EMEA at**  
**Progress**



**Radu Nicoara,**  
**Consultant / Developer, Consultingwerk Software**  
**Services Ltd.**



Radu Nicoara has been using OpenEdge for about 5 years. He has several years of experience in Angular, NativeScript and node.js. In his role as a Developer with Consultingwerk, he developed the SmartComponent Library for Angular and NativeScript. As a Consultant, he supports customers, offers consultation for web and mobile architecture and provides training and mentoring services.

**Marian Edu,  
Owner, Acorn IT**



Working with Progress technologies most of my professional career there is still plenty of room to make progress.

Application architecture, data and application integration, as well as consulting and bespoke software, are still what keeps me busy most of the time although very much enjoying product development.

**Bent Olsby,  
DBA / Senior Software Development Engineer**



## Joonas Karppinen, Software Developer at CGI



I'm a programming, technology and natural sciences enthusiast.  
Quick learner and like to test everything!

### Topics:

## PASOE (Progress Application Server for OpenEdge)

The Progress Application Server (PAS) for OpenEdge is an efficient, highly-scalable, secure and standards-based application server requiring fewer system resources and easing installation, configuration and management.

## REST

**Representational state transfer (REST)** is a software architectural style that defines a set of constraints to be used for creating Web services. Web services that conform to the REST architectural style, called RESTful Web services, provide interoperability between computer systems on the Internet. RESTful Web services allow the requesting systems to access and manipulate textual representations of Web resources by using a uniform and predefined set of stateless operations.

## JSDO

The JSDO (originally “JavaScript Data Object”) is a client side typescript library for Progress Data Object Services published by Progress Software Corporation. Its purpose is to provide an easy to understand API for querying, creating, updating and deleting Progress Data Objects as well as invoke server side business logic.

## Webhandlers

A Web Handler is a custom ABL class that inherits the `OpenEdge.Web.WebHandler` class and contains methods that enable you to handle REST requests.

## Opening OpenEdge Apps to Web & Mobile Platforms using the JSDO

Angular is a great framework for developing complex, fast web applications. But in this day and age, your app also needs a mobile frontend to be truly accessible by your users. And while responsive web apps are great, performance-wise they cannot match truly native mobile web applications. In this presentation we’ll be looking at how developers can take advantage of the JSDO Data Source, the Angular support provided by NativeScript and Angular’s platform-agnostic APIs to easily share non-UI code between web and mobile flavors of apps.

## PrimeNG - an open source UI library for Angular

PrimeNG is one of the best open source alternatives and we will show you how to integrate that when building a web UI for an OpenEdge backend.

## Responsive SPAs Made Easy with Angular & Bootstrap

Ever wanted to create a web application that looks nice on all devices but didn’t quite know where to start? In this session we will be going over the popular Bootstrap library and how, combined with Angular, it can deliver amazing responsive single page applications quicker than you can say “CSS”.

## Zamolxis ERD

An Entity Relationship Diagram editor is all about database design made easy. Zamolxis ERD is focusing on Progress OpenEdge database by providing a fully graphical diagram editor that can be used to model a relational database system while supporting all features and specifics of a Progress database.

## OpenEdge 12

Progress continuously evolves OpenEdge® with new features and enhancements to help you meet demand for application performance, availability, security and data management; addressing the need for high-availability, delivers increased database performance, strengthens security and improves developer productivity. OpenEdge 12.1 continues to address the need for high-availability, delivers increased database performance, strengthens security and improves developer productivity.

## Elastic search

Elasticsearch is a distributed, open source search and analytics engine for all types of data, including textual, numerical, geospatial, structured, and unstructured.

## CD/CI (Continuous Integration, Continuous Delivery, Continuous Deployment) for OpenEdge

**Continuous integration (CI)** is the practice of merging all developers' working copies to a shared mainline several times a day.

In **Continuous delivery (CD)** teams produce software in short cycles, ensuring that the software can be reliably released at any time.

In **Continuous deployment** (also CD) software functionalities are delivered frequently through automated deployments.

## Progress Corticon

Corticon is a Business Rule Management System that is designed to automate decision management through use of a patented rules engine that does not require coding. Instead of requiring users to program, or code business logic into IT infrastructure applications, the rules engine separates the creation

and management of business logic from the overall development of hard-coded applications.

## About Us:

### Finland Progress User Group r.y.

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 and Progress.

### Progress Software

Progress has from its founding in 1981 kept same commitment to creating tools and services that enable organizations to build their mission-critical applications while remaining firmly on the cutting edge of technology to build the applications of tomorrow.

### Progress OpenEdge

Progress® OpenEdge® gives developers the ability to build and protect beautiful applications and deploy across any platform and mobile device—on-premise, cloud, or hybrid. As one of the leading and most cost-effective rapid application development platforms, it is architected to help businesses meet the demands of the digital age.

./..