

* Agenda and sessions are subject to change

ELEVATE 2017

Session Catalog | September 25, 1:00 PM - 5:00 PM

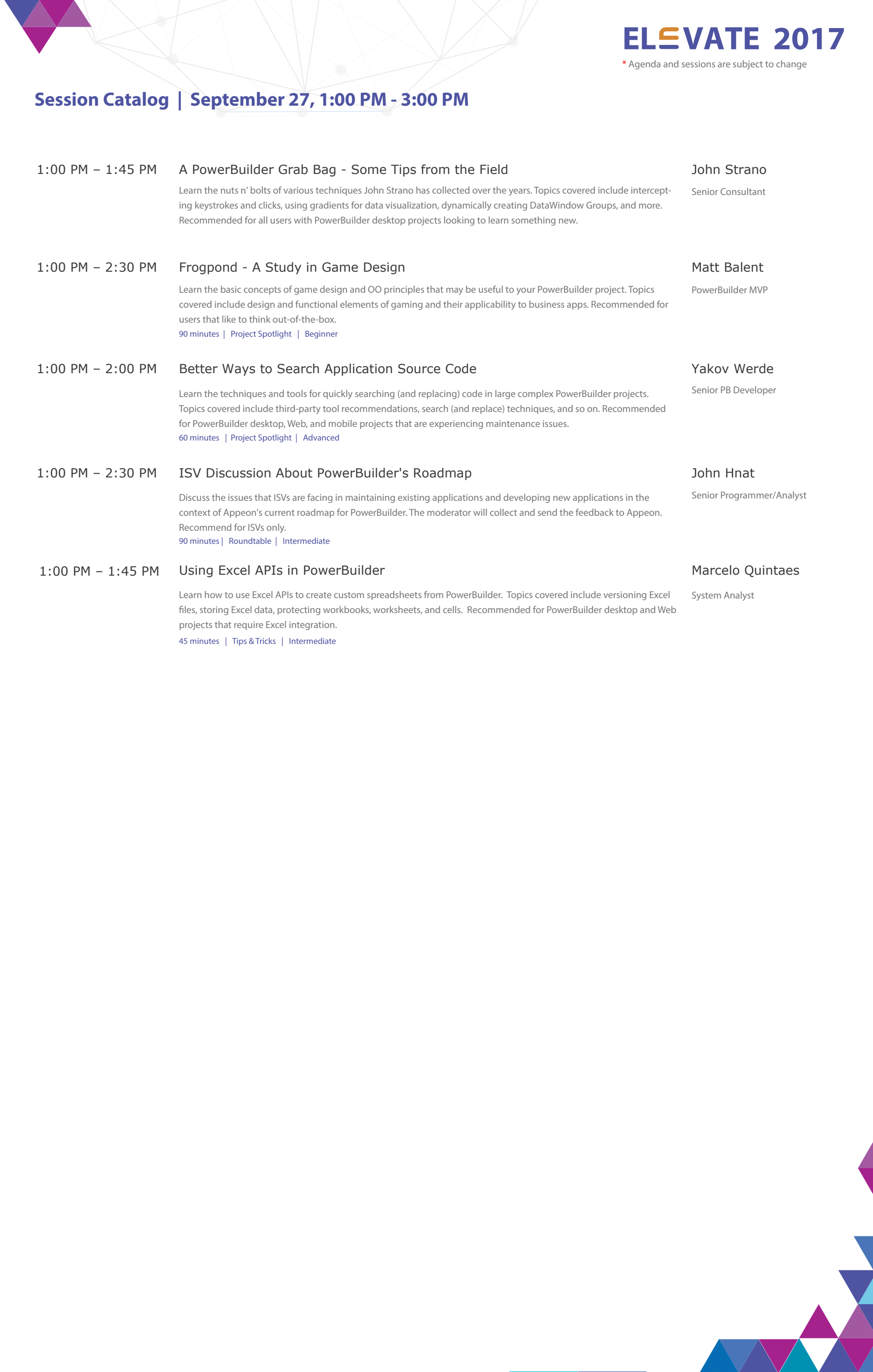
1:00 PM - 5:00 PM	<p>Appeon Web for Beginners</p> <p>Learn how to develop a new Web project from scratch using PowerBuilder and Appeon. Topics covered include DB connection pooling, generating PDFs, and using INI files. Recommended for users considering Web projects with PowerBuilder.</p> <p>Workshop Pre-requisites: PowerBuilder 2017 and Appeon Web 2016.</p> <p>4 hour Workshop Beginner</p>	<p>Marco Meoni</p> <p>Appeon Certified Engineer</p>
1:00 PM - 5:00 PM	<p>The Mobile App Development Workshop</p> <p>Learn how to develop a real-functioning mobile app with PowerBuilder (to track your personal loans). Topics covered include configuring your mobile project, creating a simple mobile UI framework, utilizing mobile device APIs, storing data offline with SQLite, and deploying to a real mobile device. Recommended for all new users of PowerBuilder 2017 or Appeon Mobile.</p> <p>4 hour Workshop Intermediate</p>	<p>Ludwin Feiten</p> <p>CEO</p>
1:00 PM - 2:30 PM	<p>Integrating PowerBuilder with a Business Process Management platform using WCF Web Services</p> <p>Learn how to integrate PowerBuilder apps with a Business Process Management (BPM) third party platform using WCF services. Topics covered include integrating with Business Project Management (BPM), calling WCF services from PowerBuilder, creating WCF services in C#, and other project considerations. Recommended for all PowerBuilder projects requiring integration with third-party platforms.</p> <p>90 minutes Project Spotlight Intermediate</p>	<p>Karthik Panchatcharam</p> <p>Director of Software Development</p>
1:00 PM - 2:00 PM	<p>Building Apps using the new Appeon RTF Solution</p> <p>Learn all about the new RTF Control feature within the PowerBuilder 2017 and InfoMaker2017 products. Topics covered include insights into: why you would use Appeon RTF vs TX Control, how the RTF feature is implemented, a look under the covers of how Appeon RTF works, deployment scenarios & considerations, tips & tricks and of course the PROS/CONS of using the new Appeon RTF feature. Recommended for all PowerBuilder projects requiring RTF integration within their PB/IM/Web applications.</p> <p>60 minutes Tips & Tricks Intermediate</p>	<p>Chris Pollach</p> <p>Director, Developer Relations</p>
2:00 PM - 2:45 PM	<p>Migrating PowerBuilder Desktop Apps to 64-bit</p> <p>Learn how to migrate your PowerBuilder desktop apps to 64-bit with PowerBuilder 2017. Topics covered include database driver, ActiveX, PB Extensions, Windows APIs, and third-party DLL considerations. Recommended for all PowerBuilder desktop projects requiring 64-bit upgrades.</p> <p>45 minutes Tips & Tricks Intermediate</p>	<p>Bruce Armstrong</p> <p>Development Team Lead</p>
3:00 PM - 4:00 PM	<p>Calling WCF Services from PowerBuilder</p> <p>Learn how to call WCF and other advanced Web services using external Web services client. Topics covered include COM Callable Wrappers (CCW), deployment of external Web services client, and example scripts in PowerBuilder. Recommended for PowerBuilder desktop and Web projects that need to consume WCF and other advanced Web services.</p> <p>60 minutes Tips & Tricks Intermediate</p>	<p>Bruce Armstrong</p> <p>Development Team Lead</p>
3:00 PM - 4:00 PM	<p>Add Your Own JSON Parser to PowerBuilder</p> <p>Learn how to extend your PowerBuilder apps with JSON capability. Topics covered include creating a COM-Callable JSON Parser using C#, integrating the parser into your app, and using it to parse JSON data. Recommended for users that have a PowerBuilder desktop app with immediate need to parse JSON data.</p> <p>60 minutes Project Spotlight Intermediate</p>	<p>Matt Balent</p> <p>Director of Software Development</p>
4:00 PM - 5:00 PM	<p>Building Apps using the new Appeon PDF Solution</p> <p>Learn all about the new Native PDF feature within the PowerBuilder 2017 and InfoMaker2017 products. Topics covered include insights into: why you would use Native vs other PDF alternatives, how the native PDF feature is implemented, a look under the covers of how native PDF works, deployment scenarios & considerations, tips & tricks and the PROS/CONS of using the new Native PDF feature. Recommended for all PowerBuilder projects requiring PDF integration within their PB/IM/Web/Mobile applications.</p> <p>60 minutes Tips & Tricks Intermediate</p>	<p>Chris Pollach</p> <p>Director, Developer Relations</p>
4:00 PM - 4:45 PM	<p>Migrating to PowerBuilder 2017</p> <p>Learn how to migrate from older versions of PowerBuilder to the new 2017 version. Topics covered include migration process and tools, discontinued features, and in-depth look at changes to PDF and RichText functionality. Recommended for all users planning to upgrade to PowerBuilder 2017.</p> <p>45 minutes Tips & Tricks Intermediate</p>	<p>Bruce Armstrong</p> <p>Development Team Lead</p>

Session Catalog | September 26, 9:00 AM - 12:00 PM

9:00 AM - 11:00 AM	<div>Analyze and modernize PowerBuilder, Oracle and SQL Server code</div> <div>Learn how to use Visual Expert 2017 with your own code. Topics covered include impact analysis of DB and code changes, isolating performance problems, documenting complex code, identifying DLL dependencies, and eliminating "junk" code. Recommended for PowerBuilder desktop, Web, and mobile projects that are experiencing maintenance issues or preparing a migration.</div> <div>2 hour Workshop Intermediate</div>	<div>Christophe Dufourmantelle</div> <div>CEO</div>
9:00 AM - 9:45 PM	<div>Consuming AZURE Blob REST Web APIs using 100% PowerBuilder</div> <div>Learn techniques for accessing AZURE Blob services via REST requests using only PowerBuilder - no .NET required. Topics covered include encrypting, hastings, HTTPS calls, and getting UTC within PowerBuilder. Recommended for PowerBuilder desktop and Web projects calling RESTful Web APIs or AZURE Blobs.</div> <div>45 minutes Tips & Tricks Advanced</div>	<div>Mike Searer</div> <div>Consultant</div>
9:00 AM - 10:00 AM	<div>Back to the Future with PowerBuilder: Designing your Apps to Look and Act the Part</div> <div>Learn how to use the features of PowerBuilder 2017 to develop a modern look and feel for your desktop, web, and mobile apps. Topics covered include solutions to common UI challenges, and general best practices. Recommended for all PowerBuilder desktop, web, and mobile projects.</div> <div>60 minutes Tips & Tricks Intermediate</div>	<div>Ronnie Po</div> <div>Developer</div>
9:00 AM - 10:00 AM	<div>Advanced Appeon Web Migration Techniques</div> <div>Learn about key code workarounds and software tools that could be vital to your Appeon Web migration project. Topics covered include difference in semantics, Internet performance considerations, HTTP/S security constraints, and so on. Recommended for users planning or who have started an Appeon Web migration project.</div> <div>60 minutes Project Spotlight Advanced</div>	<div>Marco Meoni</div> <div>Appeon Certified Engineer</div>
10:00 AM - 11:00 AM	<div>Using .Net Visual Assemblies in PowerBuilder</div> <div>Learn techniques for integrating .NET visual assemblies in PowerBuilder. Topics covered include creation of .NET visual assembly using .Net Forms Interop Toolkit, and how to call it in PowerBuilder. Recommended for PowerBuilder desktop that require to use advanced visual controls that aren't available in PowerBuilder.</div> <div>60 minutes Tips & Tricks Intermediate</div>	<div>Bruce Armstrong</div> <div>Development Team Lead</div>
10:00 AM - 11:00 AM	<div>How to Build automated tests for PowerBuilder with AscentialTest</div> <div>Learn how Zeenyx AscentialTest saves time and money to test PowerBuilder apps without recording or scripting. Topics covered include test planning, automated and manual test creation, test management and execution, and reporting. Recommended for users planning to roll out or improve automated testing.</div> <div>60 minutes Tips & Tricks Beginner</div>	<div>Brian Le Suer</div> <div>CEO</div>
10:00 AM - 10:45 AM	<div>Why We Chose Appeon Web Over Citrix?</div> <div>Learn why the Italian public administration choose Appeon Web over Citrix. Topics covered include pros and cons, with a focus on scalability and performance, and application techniques used by this particular project. Recommended for users considering the Appeon Web or currently using Citrix (or similar) solution.</div> <div>45 minutes Project Spotlight Intermediate</div>	<div>Marco Meoni</div> <div>Appeon Certified Engineer</div>
10:00 AM - 11:30 AM	<div>Providing Custom Reporting in Production Applications</div> <div>Learn techniques for customizing reports of PowerBuilder apps at run-time, with either PowerBuilder or InfoMaker. Topics covered include baselining report PBLs, using the SetLibraryList() at run-time, and creating a set-up routine. Recommended for users (especially ISVs) that need to empower app users/customers to customize reports on their own.</div> <div>90 minutes Project Spotlight Intermediate</div>	<div>John Hnat</div> <div>Senior Programmer/Analyst</div>
11:00 AM - 11:45 AM	<div>Bullet-proofing your PowerBuilder Test Automation</div> <div>Learn best practices for automating the testing of PowerBuilder applications, presented in a comprehensive and systematic fashion. Topics covered include defining scope, building resilient tests, and maintenance considerations. Recommended for users planning to roll out or improve automated testing.</div> <div>45 minutes Tips & Tricks Intermediate</div>	<div>Brian Le Suer</div> <div>CEO</div>
11:00 AM - 11:45 AM	<div>Continuous Integration with PowerBuilder</div> <div>Learn how to implement a continuous integration (CI) build process with PowerBuilder. Topics covered include installation, configuration, and steps for using Jenkins, GIT, ORCAScript and PB 2017's new standalone compiler. Recommended for users wishing to benefit from continuous integration or experiencing issues with current build process.</div> <div>45 minutes Tips & Tricks Intermediate</div>	<div>Bruce Armstrong</div> <div>Development Team Lead</div>
11:00 AM - 12:00 PM	<div>Reducing the Adaptation Effort of Appeon Web Migrations</div> <div>Learn how to automate applying code workarounds to a real-life Appeon Web migration project. Topics covered include how to build a tool to automate code changes and what code should be changed. Recommended for users planning or in the process of a large Appeon Web migration project.</div> <div>60 minutes Project Spotlight Intermediate</div>	<div>Lauro Oliveira</div> <div>Technology Specialist</div>
11:00 AM - 12:00 PM	<div>Creating a Multi-Tenant Appeon Web App</div> <div>Learn techniques for developing and deploying multi-tenant Appeon Web apps. Topics covered hosting multiple tenants on a single server, provisioning customer-specific databases, calculating costs for each tenant, and maintenance considerations. Recommended for ISVs considering or currently using the Appeon Web solution.</div> <div>60 minutes Project Spotlight Intermediate</div>	<div>Filiberto Sosa</div> <div>CEO</div>

Session Catalog | September 26, 1:00 PM - 5:00 PM

1:00 PM – 5:00 PM	<div>Web Service Crash Course</div> <div>Learn a practical approach to Web service development in the native PowerBuilder IDE using the .NET engine. Topics covered include hand-on practice of CRUD operations, handling blob data types and server-side authentication. Recommended for PowerBuilder desktop, Web, and mobile projects that require deployment of PB NVOs as Web services. Workshop Pre-requisites: PowerBuilder 2017 and Appeon Web 2016.</div> <div>4 hour Workshop Intermediate</div>	<div>Marco Meoni</div> <div>Appeon Certified Engineer</div>
1:00 PM – 2:00 PM	<div>High-Performance Drag n' Drop in Complex DataWindows</div> <div>Learn techniques for high-performance drag n' drop in complex DataWindows (e.g. calendar). Topics include step-by-step recipe for example calendar, performance considerations and recommendations, and comparison to other approaches. Recommended for all PowerBuilder desktop and Web projects that require drag n' drop for complex DataWindows.</div> <div>60 minutes Tips & Tricks Advanced</div>	<div>Georg Brodbeck</div> <div>Senior Software Engineer</div>
1:00 PM – 2:30 PM	<div>Using OData to Access Any Database (in the Cloud)</div> <div>Learn about OData and how to use it with any database (to perform CRUD operations over RESTful web services). Topics covered include an in-depth look at OData, how to expand its scope beyond Microsoft and SAP databases, and how to use it in PowerBuilder. Recommended for PowerBuilder desktop projects that require a modern alternative to ODBC or "cloud-friendly" approach to database connectivity.</div> <div>90 minutes Tips & Tricks Intermediate</div>	<div>Bruce Armstrong</div> <div>Development Team Lead</div>
1:00 PM – 2:00 PM	<div>.NET Interop Using PBNI</div> <div>Learn techniques for easily and transparently calling PowerBuilder code from .NET apps using PBNI. Topics covered include an in-depth look at PBNI, key challenges for truly interoperable code, and performance comparison to other approaches. Recommended for desktop projects that require .NET interop or if experiencing performance issues with your current interop approach.</div> <div>60 minutes Project Spotlight Advanced</div>	<div>Lauro Oliveira</div> <div>Technology Specialist</div>
2:00 PM – 3:30 PM	<div>ORCA & Industrial-Strength Automated Deployment</div> <div>Learn how to put in place an industrial-strength automated build process for PowerBuilder. Topics covered include ORCA, PBOrcapi, the BootStrap utility, and a reference implementation. Recommended for users wishing to benefit from an atuomated build process or experiencing issues with current build process.</div> <div>90 minutes Project Spotlight Intermediate</div>	<div>Yakov Werde</div> <div>Senior PB Developer</div>
2:00 PM – 2:45 PM	<div>Inter-App Communication for Desktop, Web or Mobile Apps</div> <div>Learn techniques for lightweight inter-app communication that is language and device agnostic. Topics covered include in-depth look at URI schemes, how to create and register URI schemes, and how to integrate these in PowerBuilder/Ap-peon projects. Recommended for all PowerBuilder/Appeon projects that need a lightweight approach to client-side integration (as an alternative to DDE, OLE, etc.).</div> <div>45 minutes Tips & Tricks Beginner</div>	<div>Heino Hellmers</div> <div>CEO, Geschäftsführer</div>
3:00 PM – 5:00 PM	<div>How to modernize your PowerBuilder UI</div> <div>Learn how to integreate 18 new UI controls from the PowerBuilder Ultimate Suite into your desktop apps. Topics covered include installation, integration of various controls (e.g. ribbon menu, tiles, desktop notifications, "Outlook" style bar, etc.), and UI modernization tips. Recommended for PowerBuilder desktop projects that require UI moderniza-tion.</div> <div>2 hours Workshop Intermediate</div>	<div>Christophe Dufourmantelle</div> <div>CEO</div>
3:00 PM – 4:00 PM	<div>Building Appeon Installable Web Applications</div> <div>Learn all about the new Installable Web Application feature within the Appeon Web product. Topics covered include insights into: why you would use it, IWA vs Browser Apps, a look under the covers of how IWA works, various deploy-ment scenarios, recommendations, tips & tricks and the PROS/CONS of using the IWA feature. Recommended for all PowerBuilder projects requiring an alternative application deployment platform that can also be Cloud based.</div> <div>60 minutes Tips & Tricks Intermediate</div>	<div>Chris Pollach</div> <div>Director, Developer Relations</div>
3:00 PM – 4:30 PM	<div>How to Make a Slow, Ineffecient, Program Cloud-Friendly</div> <div>Learn techniques for improving the runtime performance of your PowerBuilder code for deployment to the Cloud with Appeon Web. Topics covered include identifying ineffecient code and SaaS-deployment considerations. Recommended for users (especially ISVs) planning Appeon Web migration projects or experiencing performance issues.</div> <div>90 minutes Project Spotlight Intermediate</div>	<div>Greg Winfield</div> <div>President & CEO</div>
4:00 PM – 4:45 PM	<div>Deploying PowerBuilder Apps to the Windows Store (as UWP)</div> <div>Learn how to use Microsoft's Desktop App Converter to package your PowerBuilder app as a UWP app for deployment to the Windows Store. Topics covered include an in-depth look at the Desktop App Converter, how to automatically convert PowerBuilder apps to UWP, and how to deploy to the Windows Store. Recommended for users wishing to simplify the deployment of PowerBuilder desktop apps.</div> <div>45 minutes Tips & Tricks Intermediate</div>	<div>Bruce Armstrong</div> <div>Development Team Lead</div>



Session Catalog | September 27, 1:00 PM - 3:00 PM

1:00 PM – 1:45 PM	<div>A PowerBuilder Grab Bag - Some Tips from the Field</div> <div>Learn the nuts n' bolts of various techniques John Strano has collected over the years. Topics covered include intercepting keystrokes and clicks, using gradients for data visualization, dynamically creating DataWindow Groups, and more. Recommended for all users with PowerBuilder desktop projects looking to learn something new.</div>	<div>John Strano</div> <div>Senior Consultant</div>
1:00 PM – 2:30 PM	<div>Frogpond - A Study in Game Design</div> <div>Learn the basic concepts of game design and OO principles that may be useful to your PowerBuilder project. Topics covered include design and functional elements of gaming and their applicability to business apps. Recommended for users that like to think out-of-the-box.</div> <div>90 minutes Project Spotlight Beginner</div>	<div>Matt Balent</div> <div>PowerBuilder MVP</div>
1:00 PM – 2:00 PM	<div>Better Ways to Search Application Source Code</div> <div>Learn the techniques and tools for quickly searching (and replacing) code in large complex PowerBuilder projects. Topics covered include third-party tool recommendations, search (and replace) techniques, and so on. Recommended for PowerBuilder desktop, Web, and mobile projects that are experiencing maintenance issues.</div> <div>60 minutes Project Spotlight Advanced</div>	<div>Yakov Werde</div> <div>Senior PB Developer</div>
1:00 PM – 2:30 PM	<div>ISV Discussion About PowerBuilder's Roadmap</div> <div>Discuss the issues that ISVs are facing in maintaining existing applications and developing new applications in the context of Appeon's current roadmap for PowerBuilder. The moderator will collect and send the feedback to Appeon. Recommend for ISVs only.</div> <div>90 minutes Roundtable Intermediate</div>	<div>John Hnat</div> <div>Senior Programmer/Analyst</div>
1:00 PM – 1:45 PM	<div>Using Excel APIs in PowerBuilder</div> <div>Learn how to use Excel APIs to create custom spreadsheets from PowerBuilder. Topics covered include versioning Excel files, storing Excel data, protecting workbooks, worksheets, and cells. Recommended for PowerBuilder desktop and Web projects that require Excel integration.</div> <div>45 minutes Tips & Tricks Intermediate</div>	<div>Marcelo Quintaes</div> <div>System Analyst</div>