



Agenda (approximate times)

9:00	-	9:10	Arrival, coffee talk and welcome.
9:10	-	9:30	Armeen Mazda - Details of next PB releases - version 2019 - PB direction/roadmap
9:30	-	10:45	Bruce Armstrong C# Development Part 1 <ul style="list-style-type: none">• Web Services<ul style="list-style-type: none">◦ Creating a Web API◦ Securing service with JWT
10:45	-	11:00	Coffee break
11:00	-	12:30	Bruce Armstrong C# Development Part 2 <ul style="list-style-type: none">• Web Services<ul style="list-style-type: none">◦ CRUD operations from PowerBuilder<ul style="list-style-type: none">▪ Three different approaches<ul style="list-style-type: none">• DataStore• ModelStore• ModelMapper<ul style="list-style-type: none">• Complex Implicit Transactions• Nested Models▪ RESTClient<ul style="list-style-type: none">• PowerBuilder specific• Standard implementation
12:30	-	13:45	Lunch ¹
13:45	-	15:00	Bruce Armstrong C# Development Part 3 <ul style="list-style-type: none">• Web Services<ul style="list-style-type: none">◦ Unit Testing◦ NuGet Integration• .Net Assemblies<ul style="list-style-type: none">◦ Create a Data Access Layer
15:00	-	15:45	Georg Brodbeck Performance-Optimizing concerning huge amounts of data.
15:45	-	16:00	Coffee break
16:00	-	16:50	Bruce Armstrong UI Themes: <ul style="list-style-type: none">• Using the built-in themes• Creating your own theme• Deploying themes
16:50	-	17:20	Garfield Allen A PB front-end for SAP! Introducing SAP Access from PB Applications.
17:20	-	17:30	Evaluation forms, prize drawing and end of meeting.

¹ SPBUG will be paying the lunch at the meeting.