

## CodeRage XII Schedule

		November 7, 2017	November 7, 2017
Time (CST)			
6:00am-7:00am	Title	<b>CDATA Enterprise Connectors and Amazon DynamoDB</b>	
	Level	All (General Information)	
	Presenter	Pawel Glowacki	
7:00am - 8:00am	Title	<b>Introduction to Clean Code and Software Professionalism (2 Hour Session)</b>	
	Level	All (General Information)	
	Presenter	Robert C. "Uncle Bob" Martin	
8:00am-9:00am	Title	Continuation of Uncle Bob's session	
	Level		
	Presenter		
9:00am-10:00am	Title	<b>Product Address: Latest on RAD Studio, Delphi, C++Builder and InterBase</b>	
	Level	All (General Information)	
	Presenter	Sarina DuPont	
10:00am-11:00am	Title	<b>Storing Data in Amazon S3 with Delphi</b>	<b>Zen and the Art of Software Extensibility (Two Hour Deep Dive)</b>
	Level	All (General Information)	Advanced (For Experts who want to Deep Dive)
	Presenter	Pawel Glowacki	Bob Calco
11:00am-12:00pm	Title	<b>Sencha ExtJS library for Delphi developers</b>	Continuation of Bob Calco's Session
	Level	All (General Information)	
	Presenter	Marco Cantu	
12:00pm-1:00pm	Title	<b>Migrating your C++ Builder Apps to Unicode</b>	<b>VCL Layout Techniques</b>
	Level	All (General Information)	Intermediate
	Presenter	Al Mannarino	Ray Konopka
1:00pm-2:00pm	Title	<b>C++Builder client for AWS S3 Platform</b>	<b>IDE Productivity Tips and Tricks</b>
	Level	Introduction (For Beginners)	All (General Information)
	Presenter	Luca Zoller	Ray Konopka
2:00pm-3:00pm	Title	<b>Using C++Builder to build RESTful API server</b>	<b>FMX Animations</b>
	Level	All (General Information)	Intermediate
	Presenter	Dion Mai	Ray Konopka
3:00pm-4:00pm	Title	<b>Update on InterBase 2017</b>	<b>Directly Using the Android API</b>
	Level	All (General Information)	Advanced (For Experts who want to Deep Dive)
	Presenter	Sriram Balasubramanian	Brian Long
4:00pm-5:00pm	Title	<b>FireDAC in Depth: Creating and Using Indices</b>	<b>Introduction To Docker</b>
	Level	All (General Information)	All (General Information)
	Presenter	Cary Jensen	Jenny Fong, Docker
5:00pm-6:00pm	Title	<b>Preventing and Fixing Coupled Code</b>	<b>Matlab/Scilab Scripting Engine</b>
	Level	All (General Information)	All (General Information)
	Presenter	Cary Jensen	Janez Makovsek
	Reminder (Google Calendar)	Watch During CodeRage	Watch During CodeRage

## CodeRage XII Schedule

		November 8, 2017	November 8, 2017
Time (CST)			
6:00am-7:00am	Title	<b>FmxLinux - FireMonkey for Linux</b>	<b>Simplify and speed-up application development with ORM for Delphi</b>
	Level	All (General Information)	All (General Information)
	Presenter	Eugene Kryukov and Vsevolod Leonov (Seva)	Devart
7:00am - 8:00am	Title	<b>Creating JSON Wrapper Classes in Delphi</b>	<b>Programming Mazes in C++ and Delphi</b>
	Level	Advanced (For experts who want to deep dive)	Intermediate
	Presenter	Andrew Sovtsov	David Millington
8:00am-9:00am	Title	<b>CrossVcl (VCL for Linux and osX) Review</b>	<b>Introducing FMXRTL-bringing Right To Left to FireMonkey</b>
	Level	All (General Information)	All (General Information)
	Presenter	Eugene Kryukov and Vsevolod Leonov (Seva)	Ruhollah Akbarzadeh
9:00am-10:00am	Title	<b>TMS Business Showcase: REST Server and ORM (XData and Aurelius)</b>	<b>Getting Started with Linux using Ubuntu 16.10 , Installing Packages, and Connecting to Servers</b>
	Level	All (General Information)	All (General Information)
	Presenter	Wagner Landgraf	Tom Lawrence
10:00am-11:00am	Title	<b>Using PDF Forms as Data Entry User Interfaces in your Delphi Applications</b>	<b>Bash on Ubuntu on Windows</b>
	Level	All (General Information)	All (General Information)
	Presenter	Girish Patil	Kevin Remde
11:00am-12:00pm	Title	<b>Building mobile apps that connects to Salesforce and SAP/R3</b>	<b>CData FireDAC Enterprise Connectors</b>
	Level	All (General Information)	All (General Information)
	Presenter	Fernando Rizzato	Geoffrey Osborne
12:00pm-1:00pm	Title	<b>Introduction to Sencha Products - Ext JS, Tools, Test, ExtReact, GXT</b>	<b>Managing Technical Debt</b>
	Level	All (General Information)	All (General Information)
	Presenter	Sandeep Adwankar	Steve McConnell
1:00pm-2:00pm	Title	<b>Introduction to Linux Command Line</b>	
	Level	All (General Information)	
	Presenter	Steven Gordon	
2:00pm-3:00pm	Title	<b>Create SCADA Modbus Industrial Control applications, and Devices with ControlLab, and Visuino Pro</b>	
	Level	All (General Information)	
	Presenter	Boian Mitov	
3:00pm-4:00pm	Title	<b>Developing Your Own Visuino Components with Delphi</b>	
	Level	All (General Information)	
	Presenter	Boian Mitov	
4:00pm-5:00pm	Title	<b>Embedding a Chromium browser in a Delphi application</b>	<b>Learning Linux multitasking at the command-line</b>
	Level	Intermediate	All (General Information)
	Presenter	Alex Ruiz	Tutorials and Training
5:00pm-6:00pm	Title	<b>Integrating the Google Places API into a Delphi application</b>	<b>Create a Business Intelligence (BI) Web Site RAD Style with FireDAC, IntraWeb and UniGUI</b>
	Level	Intermediate	All (General Information)
	Presenter	Alex Ruiz	Miguel Angel Moreno

## CodeRage XII Schedule

Time (CST)		November 9, 2017		November 9, 2017	
		Title	Level	Title	Level
6:00am-7:00am	Title	<b>Delphi Application Migration</b>			
	Level	All (General Information)			
	Presenter	Al Mannarino			
7:00am - 8:00am	Title	<b>Modernizing your VCL application</b>		<b>IntraWeb 17 - The Webolution Begins</b>	
	Level	Intermediate		All (General Information)	
	Presenter	Danny Wind		Chad Hower	
8:00am-9:00am	Title	<b>Implementing 2-Step Authentication</b>		<b>CrossTalk - Connecting Delphi and C++ to .NET</b>	
	Level	Advanced (For experts who want to dive deep)		Introduction (For Beginners)	
	Presenter	Nirav Kaku		Chad Hower	
9:00am-10:00am	Title	<b>Demystifying OOP with RAD Studio and ORMBR</b>		<b>Unit Testing and User Interface</b>	
	Level	All (General Information)		All (General Information)	
	Presenter	Juliomar Marchetti		Ruhollah Akbarzadeh	
10:00am-11:00am	Title	<b>FixInsight: Finding Bugs with Static Code Analysis</b>		<b>GitHub and Git Foundations</b>	
	Level	All (General Information)		All (General Information)	
	Presenter	Roman Yankovsky		GitHub	
11:00am-12:00pm	Title	<b>The Delphi Parser - Automatic Migration Tool</b>		<b>Docker for Windows and Windows Containers</b>	
	Level	Advanced (For experts who want to dive deep)		All (General Information)	
	Presenter	Oren Aviram		Michael Friis and Elton Stoneman, Docker	
12:00pm-1:00pm	Title	<b>New feature of Delphi's reporting with FastReport VCL 6</b>		<b>Panel: The Internet of Things Is Here (Davos)</b>	
	Level	Introduction (For Beginners)		All (General Information)	
	Presenter	Denis		Moderated by Robert F. Smith	
1:00pm-2:00pm	Title	<b>Single Sign-On and Two-Factor Authentication with Facebook and Google Authenticator</b>		<b>Multi-thread CFD example in C++ Builder</b>	
	Level	Intermediate		All (General Information)	
	Presenter	Olaf Monien		Yilmaz Yoru	
2:00pm-3:00pm	Title	<b>Plurals, Genders and Abbreviated Numbers with Delphi</b>		<b>Microservices with RAD Server</b>	
	Level	All (General Information)		Intermediate	
	Presenter	Jaakko Salmenius		Andrew Sovtsov	
3:00pm-4:00pm	Title	<b>Design Consideration for Multi-Platform Applications</b>		<b>C++ and Physics</b>	
	Level	All (General Information)		Intermediate	
	Presenter	Sarina DuPont		Mary Kelly	
4:00pm-5:00pm	Title	<b>IDE Tips and Coding Shortcuts</b>		<b>InterBase Tips and Tricks</b>	
	Level	All (General Information)		All (General Information)	
	Presenter	Alister Christie		Mary Kelly	
5:00pm-6:00pm	Title	<b>Working with Linux Libraries in Delphi</b>		<b>Understanding the BlockChain</b>	
	Level	Advanced (For experts who want to dive deep)		All (General Information)	
	Presenter	Craig Chapman		Jim McKeeth	
6:00pm-7:00pm	Title	<b>OpenGL on Linux</b>			
	Level	Advanced (For experts who want to dive deep)			
	Presenter	Craig Chapman			

## CodeRage XII Schedule - Sessions Available on Demand all Days

On-Demand Sessions		
Time (CST)		
1	Title	<b>Panel: Artificial Intelligence (Davos)</b>
	Level	All (General Information)
	Presenter	Moderated by Robert F. Smith
2	Title	<b>Working with TListView</b>
	Level	Introduction (For Beginners)
	Presenter	raouf rahiche
3	Title	<b>Some code to start building C++ applications</b>
	Level	Introduction (For Beginners)
	Presenter	Francisco Muro A.
4	Title	<b>Using templates in IntraWeb</b>
	Level	Intermediate
	Presenter	Alexandre Machado
5	Title	<b>OpenAPI/Swagger: Document and Test your REST API Server</b>
	Level	Introduction (For Beginners)
	Presenter	Wagner Landgraf
6	Title	<b>Deep Dive: Hospitality Survey App Template Developer Guide</b>
	Level	All (General Information)
	Presenter	Eli M
7	Title	<b>How to develop a simple recommender system</b>
	Level	Intermediate
	Presenter	Daniele Spinetti
8	Title	<b>All you need know to developer for Windows 10</b>
	Level	All (General Information)
	Presenter	Ricardo Boaro
9	Title	<b>CAD with RAD, master your OOP skills for multi-plat development</b>
	Level	All (General Information)
	Presenter	Vsevolod Leonov (Seva)
10	Title	<b>Free SSL certificates with Let's Encrypt</b>
	Level	Introduction (For Beginners)
	Presenter	Wagner Landgraf