Getting Started with RAD Studio









What is RAD Studio?	RAD Studio™ is the ultimate IDE developers use to build high-performance native applications in Delphi® and modern C++ for multiple platforms using powerful visual design tools and integrated toolchains. Rapidly develop visually stunning apps from a single codebase for billions of users on Windows, macOS, iOS, Android, and Linux . Leverage best-in-class Windows desktop UI libraries and Windows platform APIs integration, flexible data access components and cloud libraries to consistently deliver projects on time and under budget. Independent developers and enterprise development teams love RAD Studio™'s ability to enable 5x the development productivity across multiple server, desktop and mobile platforms. To learn how others are using RAD Studio, visit https://www.embarcadero.com/case-study		
Installing RAD Studio	You can download a free 30 day trial for RAD Studio Architect from https://www.embarcadero.com/products/rad-studio/start-for-free Registering for the trial will send you an email with your trial key and will start the download	 The Install notes on DocWiki.Embarcadero.com give extra information. (such as minimum spec) You can always add/remove extras after the initial install, (such as Target Platforms, the Help, Samples, additional languages) by opening Tools > Manage Platforms in the IDE. 	
First steps in RAD Studio	To build your first project , choose the project type you want from <i>File > New</i> . The most common ones, such as Windows VCL Application, or Multi-Device Application appear in the menu, or you can choose <i>Other</i> to create a number of projects, including Android Services, ActiveX Libraries, a DLL, a Console App, a Unit Test, a middle tier with either DataSnap or RAD Server, a Soap server/client or a WebBroker application.	 [Short Videos] Get familiar with the IDE, language features, components, Source code integrations and more with these short videos http://bit.ly/WelcomeToDelphi (Aimed at Delphi language, but most are also good for C++) [Visit] DocWiki.embarcadero.com for getting started guides and assistance. (links below) Explore the samples! - These are a great way to learn about different framework features. 	
Components & Libraries	 RAD Studio libraries and components are designed to work across platforms (e.g. System.IOUtils). Unit namespaces help identify any that are platform specific. e.g. WinAPI. or VCL. (Windows only) Core multi-platform runtime library include the Windows UI library (VCL), multi-platform UI library (FireMonkey), Database access library (FireDAC) and core System libraries e.g. Generics, Threading, JSON, IOUtils, NetEncoding, and more. Check the Samples folder for examples of these in action. The Tools > REST Debugger is a useful tool for testing REST API's and then adding pre-configured components to your code. 	 You can extend the IDE quickly by visiting GetIt <i>Tools > GetIt Package Manager</i> for extra samples and components to speed up development with new capabilities See a full list online at https://getitnow.embarcadero.com/. <i>Note: Some components are only available to those on Update Subscription</i>, Discover the latest component news at https://blogs.embarcadero.com/category/tech-partner 	
Documentation & Education	The official RAD Studio documentation is online at http://docwiki.embarcadero.com/ This includes Getting Started guides, Samples, Tutorials and more When Samples are installed, they can be opened from the IDE welcome page, choose "Open a sample project". By default, Samples install to users > Public Documents > Embarcadero > Studio > [version] > Samples. For those moving from older versions, visit the Embarcadero Upgrade Center for videos & resources	 Getting Started with RAD Studio Keyboard Shortcuts Guide - PDF Object Pascal Handbook Tutorials Steps in developing a project 	 [Examples] - GitHub - DocWiki [Video Guide] - WelcomeToDelphi [Webinars & Deep Dive Videos] - EmbarcaderoTechnet [Courses] - learndelphi.org - embarcaderoacademy.com [Upgrade Center] embarcadero.com/rad-in-action/migration-upgrade-center
Support & Product news	If you need support with registration or Installation, or for any licensed product with an active support agreement visit https://www.embarcadero.com/support It's recommend to install the Samples to explore basic functionality of the frameworks. These are a great way of seeing additional features in action. (See Installing RAD Studio) For general help and comments, check out https://blogs.embarcadero.com/community/ For the latest product news and updates, visit https://blogs.embarcadero.com/		
Deploying Applications	 Project > Deployment provides a convenient way to add files into your application bundles. Once apps are complete, you can choose the build options for Release, and AppStore, or AdHoc deployment to package (and notify) the applications ready for distribution. From the IDE you can build Installers for WIndows 10, macOS, iOS and Android. 	 If you are developing for iOS, Linux, macOS or a remote Windows machine, you will need to install PAServer on the remote host. It's pretty straight forward and enables you to deploy and debug directly from the IDE. Android devices connect direct to your development machine. 	
Need Advice?	Embarcadero pre-sales engineers are available to discuss your project requirements and help point you in the right direction. Ask your local sales rep for an appointment		

