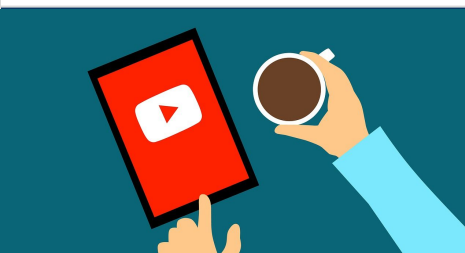


Why Migrate Code?

Experienced developers know that retaining users can be a challenge, so they continuously invest in making their applications faster, more functional and more user-friendly. This effort isn't for the user alone - cleaning up unused and inefficient code makes it easier for the developer to maintain apps moving forward and react to industry trends and changes. Learn about the latest trends in the [Top 5 Market Trends Impacting Software Development Companies](#) white paper. Key market changes over time, have been simplified by the RAD approach. RAD Studio continues to offer market leading Windows GUI development, and the deepest Windows 10 API integration of any development tool, with the smoothest upgrade for older code bases to re-compile and take advantage of the latest features. Additionally, the frameworks have matured to provide powerful cross platform support, meaning, large parts of business logic code can immediately move into cross platform native applications targeting Windows, macOS, Linux, iOS and Android. This makes your existing code base more valuable than ever before!

Would it be easier to start again?

If you have a legacy project built with RAD Studio, it will be quicker to modernise the existing project, rather than start again. History shows, [modernizing existing code is the right strategic choice](#), always lower risk, and less costly than building new. Modern tools such as [reFind](#), help you automate many repetitive tasks. If you are upgrading from an old product, you may be thinking - surely, the code can't be worth much now? But one of the amazing things about the RAD Studio / Delphi / C++Builder architecture is the ability to move code forward. The short, and long term return on investment of using RAD Studio to develop applications is second to none! Discover more about this value and how to grow your team in the [RAD Studio Guide for Managers](#).



Modernizing Legacy Delphi Application <https://www.youtube.com/watch?v=AXxxAgu7UBQ>
Modernizing Legacy C++Builder Application <https://www.youtube.com/watch?v=OK-0Ye4o7WY>

- BDE to FireDAC
- UI Modernisation
- High DPI
- Unicode migration
- Windows 10 Controls
- Application Testing

[Play List] Modernize with Windows 10
<https://www.youtube.com/playlist?list=PLwUPJvR9mZHHZcb8O-Rdg4Is1M3ssweCd>

- Get up to speed with the latest Windows 10 changes, and how to use the latest components and features in RAD Studio

Videos & Resources

More migration resources at the Migration and Upgrade Center
<https://www.embarcadero.com/rad-in-action/migration-upgrade-center>

Where should I start?

- 1) The first thing to do is plan your migration. Watch the video on the [Migration and Upgrade Center](#) home page where the experts talk about their top tips and advise depending on which version you are migrating from.
- 2) Visit the host of resources on the [Migration and Upgrade Center](#) looking at everything including adding in 64bit support, moving through unicode, dealing with 3rd party components, modernising database access and more.

Migration Tools

- [reFind](#) - Works on Pearl expressions to quickly automate components changes. Includes scripts for BDE to FireDAC and DBExpress to FireDAC. (*examples of use in the Modernizing videos above*)
- Technology Partners also offer tools (such as the [DelphiParser](#)) that can automate much of the code migration.
- **TOP TIP** - The [Migration and Upgrade Center](#) links to other useful tools e.g for Unicode Analysis
- **TOP TIP** - Try and migrate with the fewest changes at a time, and automate as much as possible. This will help you troubleshoot any issues you have along the way. Additionally, automation helps when updating multiple projects.

Looking to go mobile?

- A benefit of modernised code is access to multiple compilers. **Ask for our guide on going mobile!**
 - **TOP TIP** - Look for small bits of functionality that you can take to mobile. Locate time intensive tasks that can be shortened by using remote data entry.
- Enterprise and Architect editions have great offerings to support mobile data on the back end. If you have been using Midas (TClientDataSet), its definitely worth checking out [DataSnap](#). Additionally, [RAD Server](#) offers a full MEAP, which is ideal as a Mobile backend.

Install & Setup

- 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)
- **TOP TIP** - Check out the [Settings Migration Tool](#) to help you quickly export and import the configuration settings for RAD Studio
- **TOP TIP** - Install popular 3rd party and open source components directly from the IDE using GetIt (*Tools > GetIt Package Manager*) See the online listing at <https://getitnow.embarcadero.com/>

Need Advice / Help?

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..

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