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RAD Studio 13 Florence has been released

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Exciting times being a Delphi developer! Embarcadero has just released RAD Studio 13 Florence, bringing a host of new features and improvements to the Delphi and C++Builder development environments. This release focuses on enhancing developer productivity, improving application performance, and expanding platform support.

Here is a list of my favorite new features in RAD Studio 13 Florence:

- **Database magic with FireDAC**: FireDAC gets several practical improvements — better type support (unsigned `BIGINT`, improved PostgreSQL array handling), smoother drag-from-fields behavior, OAuth for Oracle, and parallel Firebird backups, plus many smaller fixes. RAD Studio still ships with InterBase 2020 Developer and now includes a license for the upcoming InterBase 15 Developer edition.
- **Ternary Operator**: RAD Studio 13 finally brings the much requested ternary operator to Delphi — written with the `if` keyword so you can use concise in expression conditionals.
- **Language improvements**: The update also adds handy language tweaks across Delphi targets: `NameOf`, `{$PUSHOPT}`/`{$POPOPT}` as new compiler directives, implicit `Self` in record class operators `Initialize` and `Finalize`, `is not` / `not in` operators, a `noreturn` directive, and tighter generic constraints — small changes that make everyday code cleaner and clearer.
- **64-Bit personalities**: So far, all 64-Bit personalities had been in Preview. RAD Studio 13 includes a full-featured 64-bit IDE for Windows x64 that's now part of the core installer (no separate add-on). Compared with the 12.3 initial release it adds full Delphi and C++ build/debug support, C++ tooling via Visual Assist, COM/ActiveX/type-library support, Live Templates (Ctrl+J) and the Surround menu, plus various quality improvements.
- **WebStencils and WebBroker enhancements**: In recent blog posts, I explained that I mostly focus on the backend these days. Most of my frontend work is done with React and Next.js. I only have a few VCL and FireMonkey applications that I maintain. WebStencils turns RAD Studio's web stack into a proper server-side framework, adding scripting, session/auth support, dataset access controls and a new `switch` statement. RAD Studio 13 also extends WebBroker with session management, improved logging and better Apache/Nginx integration — together these updates make building data-driven sites and secure web APIs much faster and easier.

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