

History of Innovation Delphi 1 through Delphi 10.3

From Windows 3.1 16-bit to Windows 10, macOS, Android, iOS and Linux!

History of Delphi Innovations

- Delphi 1 (1995)
 - 16-bit Windows 3.1 support
 - Visual Two-Way tools
 - Components / VCL
 - Database support via BDE and SQL Links
 - Database data live at design time
- Delphi 2 (1996)
 - 32-bit Windows 95 support
 - Database Grid
 - OLE automation
 - Visual form inheritance
 - Long strings

History of Delphi Innovations

- Delphi 3 (1997)
 - Interfaces (COM based)
 - Code Insight
 - Component Templates
 - DLL Debugging
 - WebBroker
 - ActiveForms
 - Component Packages
 - MIDAS multi-tier architecture
- Delphi 4 (1998)
 - Docking, Anchors and Constraints
 - Method Overloading
 - Dynamic arrays
 - Windows 98 support

History of Delphi Innovations

- Delphi 5 (1999)
 - Desktop layouts
 - Frames
 - XML support
 - DBGo for ADO
 - Language Translations
- Delphi 6 (2001)
 - Structure Window
 - SOAP Web Services
 - dbExpress
 - BizSnap, WebSnap, DataSnap

History of Delphi Innovations

- Delphi 7 (2002)
 - Web application development
 - Windows XP themes
- Delphi 8 (2003)
 - .NET support

History of Delphi Innovations

- Delphi 2005 (2004)
 - Multi-unit namespaces
 - Error Insight
 - History Tab
 - for..in
 - Function inlining
 - Theme-enabled IDE
 - Refactorings
 - Wild-card in uses statement
 - Data Explorer
 - Integrated Unit Testing

History of Delphi Innovations

- Delphi 2006 (2005)
 - Operator overloading
 - Static methods and properties
 - Designer Guidelines, Form positioner view
 - Live code templates, Block Completion
 - Line numbers, Change Bars, Sync-edit
 - Code Folding and method navigation
 - Debugging Tool-Tips
 - Searchable Tool Palette
 - FastMM memory manager
 - Support for MySQL
 - Unicode support in dbExpress
 - TTrayIcon, TFlowPanel, TGridPanel

History of Delphi Innovations

- Delphi 2007 (2006)
 - MS Build, Build Events, Build Configurations
 - Windows Vista support – glassing, theming
 - dbExpress 4 – connection pooling, delegate drivers
 - CPU viewer windows
 - FastCode enhancements
 - IntraWeb / AJAX support
 - Welcome Page
 - Sim-ship of English, French, German, Japanese

History of Delphi Innovations

- Delphi 2009 (2008)
 - Unicode
 - Generics
 - Anonymous Methods
 - Ribbon Controls
 - DataSnap
 - Build Configurations
 - Class Explorer
 - Type Library Editor Window
 - PNG support

History of Delphi Innovations

- Delphi 2010 (2009)
 - Attributes
 - Enhanced RTTI
 - Direct2D canvas
 - Windows 7 support
 - Touch/Gestures
 - Source Code Formatter
 - Thread Specific Breakpoints
 - Debugger Visualizers
 - IOUtils unit for files, paths and directories
 - Source Code Audits and Metrics
 - Background Compilation
 - Source code for MIDAS.DLL

History of Delphi Innovations

- Delphi XE (2010)
 - Regular Expression Library
 - Subversion Integration
 - dbExpress –Filters, Authentication, ProxyGeneration, JavaScript Framework, REST support
 - Indy WebBroker
 - Cloud – Amazon EC2, Microsoft Azure
 - Build Groups
 - Named Threads in the Debugger
 - Command line Audits, Metrics and Documentation Generation

History of Delphi Innovations

- Delphi XE2 (2011)
 - 64-Bit Windows
 - Mac OSX
 - FireMonkey
 - Live Bindings – FireMonkey and VCL
 - VCL Styles
 - Unit Scope Names
 - Platform Assistant
 - DataSnap - Connectors for Mobile Devices, Cloud API, HTTPS support, TCP monitoring
 - dbExpress support for ODBC drivers
 - Deployment Manager

History of Delphi Innovations

- Delphi XE3 (2012)
 - Metropolis UI for Windows 8, 7, Vista, XP
 - FM actions, touch/gestures, layouts, anchors
 - FM support for bitmap styles
 - TMaterial source for FM 3D components
 - FM audio/video
 - VCL/FM support for sensor devices
 - FM Location sensor component
 - Virtual keyboard support
 - DirectX 10 support

History of Delphi Innovations

- Delphi XE4 (April 2013)
 - iOS support – device, simulator, iOS app store
 - iOS support for standard and retina displays
 - iOS styles, retina styles, virtual keyboards
 - Mobile form designer
 - TWebBrowser component
 - iOS ARC (automatic reference counting) for all TObject classes
 - Platform Services, Notifications
 - Location, Motion and Orientation sensor components
 - TListView component
 - Mac OSX full screen support
 - Deployment manager for iOS devices
 - FireDAC universal data access components
 - InterBase – IBLite and IBToGo

History of Delphi Innovations

- Delphi XE5 (September 2013)
 - Android support – devices and emulator . OS versions: Jelly Bean, Ice Cream Sandwich, Gingerbread
 - Notification component
 - iOS 7 style support
 - Configurable form designer for mobile devices
 - Deployment manager for Android devices
 - REST Services client access and authentication components
 - Android support for all of the XE4 FM and database features listed above

History of Delphi Innovations

- Delphi XE6 (April 2014)
 - Windows 7 and 8.1 styles
 - Access to Cloud base RESTful WEB Services
 - FireDAC Compatible with more databases
 - Fully integrated InterBase support

History of Delphi Innovations

- Delphi XE7 (September 2014)
 - FireMonkey Multi-Device Applications Support Both Desktop and Mobile Platforms
 - IBLite embeddable database for Windows, Mac, Android and iOS
 - Multi-Display Support
 - Multi-Touch Support and Gestures Changes
 - Full-Screen Immersive Mode for Android
 - FireMonkey Supports the Pull-to-Refresh Feature for TListView on iOS and Android
 - FireMonkey Save State Feature

History of Delphi Innovations

- Delphi XE8 (April 2015)
 - GetIt Package Manager
 - FireDAC Improvements
 - New Embarcadero Community Toolbar
 - Native Presentation of TListView, TSwitch, TMemo, TCalendar, TMultiView, and TEdit on iOS
 - Interactive Maps
 - New Options for Media Library
 - InputQuery now Supports Masking Input Fields

History of Delphi Innovations

- Delphi 10 Seattle (August 2015)
 - Android Background Services Support
 - FireDAC support for the NoSQL MongoDB database
 - FireMonkey controls zOrder support for Windows
 - New TBeaconDevice class for turning a device on one of the supported platforms into a “beacon”
 - StyleViewer for Windows 10 Style in Bitmap Style Designer
 - High-DPI Awareness and 4K monitors support
 - Windows 10 styles
 - Support for Android Services in the IDE
 - Support for calling WinRT APIs

History of Delphi Innovations

- Delphi 10.1 Berlin (April 2016)
 - Android 6.0 Support
 - Windows Desktop Bridge Support
 - Address Book for iOS and Android
 - New ListView Item Designer
 - New CalendarView control
 - QuickEdits for VCL
 - High DPI Support on Windows
 - Hint Property Changes
 - EMS Apache Server Support
 - GetIt based Web installer

History of Delphi Innovations

- Delphi 10.2 Tokyo (March 2017)
 - 64-bit Linux support for Delphi
 - FireDAC provides Linux support for all Linux-capable DBMS
 - MariaDB support (v5.5)
 - MySQL support for v5.7
 - Firebird support for Direct I/O
 - QuickEdits for FMX
 - New VCL Controls for Windows 10
 - Updated IDE Look & Feel (Dark Theme)
 - RAD Server Deployment License Included

History of Delphi Innovations

- Delphi 10.3 Rio (November 2018)
 - Android 64 support for Delphi
 - macOS 64 support for Delphi
 - C++ 17 for Win32/Win64
 - New Delphi Language Features
 - FireMonkey Android zOrder, Native Controls and API Level 26
 - Windows 10, VCL, and HighDPI improvements
 - Extensive IDE UI modernization
 - RAD Server architecture extension
 - Quality and Performance improvements