

Documentation

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IBExpert Developer Studio

- [IBExpert](#)
- [IBEBlock](#)
- [IBExpertBackupRestore](#)
- [IBExpertDemoDB](#)

IBExpert Server Tools

- [IBExpert Server Tools](#)

FAQs

- [IBExpert FAQs](#)
- [Firebird and IBEExpert error messages](#)
- [IBExpert Replication FAQs](#)

Firebird 4.0

- White paper: DBEncryption Plugin Delphi demo for Firebird 3 and Firebird 4
 - White Paper: DBEncryption Plugin for Firebird 3.0 and 4.0
- See Also:
 - IBExpert Encryption OEM for Firebird 3 and Firebird 4 PDF Download
- [Firebird Performance comparison of Windows and Linux Operating Systems](#)
- [Firebird 4 versus Firebird 3 single thread performance comparison](#)
- [Thoughts on Firebird performance](#)
- [Firebird 4.0 technical specifications](#)
 - Firebird 4.0 Release Notes (12 May 2020 - Document v.0400-33 - for Firebird 4.0 Beta 2 Release)
 - Firebird 4.0 Language Reference (23 May 2021, version 0.9)
 - White Paper: Firebird 4 Replication (German-language version here)

- [White Paper: Firebird 4 and IBExpert](#)

Database Technology

- [The Cloud and Firebird \(PDF download\)](#)
([German-language version here](#))
- [Database technology articles](#)
- [Basic introduction to the Firebird Security Database, port redirection and multi-instances?](#)

White Papers

- [Identify unusually high database load: take two](#)
- [IBExpert: How to do it? Automatically synchronize metadata and data and a permanently active backup!](#)
 - [Firebird and IBExpert White Paper: Advanced debugging event block](#)
- See Also: [IBEBlock documentation: Event Blocks](#)
 - [White paper: DBEncryption Plugin Delphi demo for Firebird 3 and Firebird 4](#)
 - [White Paper: DBEncryption Plugin for Firebird 3.0 and 4.0](#)
- See Also:
 - [IBExpert Encryption OEM for Firebird 3 and Firebird 4 PDF Download](#)
- [Firebird and REST \(PDF\)](#)
- [Firebird external engine and UDRs written in Pascal \(PDF\)](#)
- [ibec_StartTraceSession \(PDF\)](#)
- [IBEBlock example: Firebird and REST](#)
- [Thoughts on Firebird Performance \(PDF\)](#)
 - [White Paper: Firebird 3 Stored Functions](#)
 - [White Paper: The way to the Cloud and Firebird](#)
 - [White Paper: The Pascal Language](#)
- [White Paper: Time for a review: Is your database server the right solution or part of the problem?](#)
- [White Paper: Time for a review: Is your database server the right solution or part of the problem?](#)
 - [White Paper: Software Performance Optimization](#)
 - [White Paper: Minimizing database size: should you store data files in the file system?](#)
 - [White Paper: Alternatives to virtualization for database servers](#)
- [White Paper: The Pros and Cons of virtualising SQL and other databases](#)
- [White Paper: Firebird Replication](#)
- [White Paper: Firebird Performance or: How can I improve it?](#)
- [White Paper: Big Data, Replication or "Where are the limits of Firebird?"](#)
- [White Paper: Why typical Delphi projects often fail](#)
- [White paper: Firebird performance recommendations](#)
- [Firebird development using IBExpert](#)
- [Firebird administration using IBExpert](#)
- [Chromium Embedded Framework \(CEF\)](#)

Lazarus Documentation

- [White Paper: Understand and control the full stack](#)

Firebird Documentation

- [Firebird 3 Quick Start Guide](#)
- [Firebird 3.0 Developer's Guide \(Release 1.1\)](#)
- [Firebird 4.0 Release Notes \(12 May 2020 - Document v.0400-33 - for Firebird 4.0 Beta 2 Release\)](#)
- [Firebird 3.0.5 Release Notes \(4 January 2020 - Document v.0305-03 - for Firebird 3.0.5 Release\)](#)
- [Firebird Database Cache Buffer](#)
- [Firebird 2 Administration Handbook](#)
- [Firebird 2 Cheat Sheet](#)
- [Firebird 2.0 and 2.1 Quick Start Guide](#)
- [Firebird 2 Migration & Installation](#)
- [Firebird 2.0.4 Release Notes](#)
- [Firebird 2.1 Error Codes](#)
- [Firebird 2.1.6 Release Notes](#)
- [Firebird 2.5 Quick Start Guide](#)
- [Firebird 2.5.3 Release Notes](#)
- [Firebird Internals](#)
- [Firebird Superserver Manager](#)
- [Get to know Firebird in 2 minutes](#)
- [Migration from MS SQL to Firebird](#)
- [Public documentation license](#)
- [Setting up Firebird on Ubuntu Linux](#)
- [Setting up PHP and Firebird on Linux](#)

SQL language references

- [SQL language reference](#)
 - [Firebird 4.0 Language Reference \(23 May 2021, version 0.9\)](#)
 - [Firebird 3.0 Language Reference \(Version 0.15, 31 July 2021\)](#)
 - [Firebird 2.5 Language Reference \(27 April 2021, version 1.5\)](#)
- [Firebird 2.1 language reference update](#)
- [Firebird 2.0 language reference update](#)
- [InterBase 6.0 DSQL syntax](#)

Firebird command-line utilities

- [Firebird and InterBase command-line utilities](#)
- [Firebird Backup & Restore Utility](#)
- [Firebird Backup File Splitting Filter](#)
- [Firebird Database Housekeeping Utility](#)
- [Firebird Database Statistics Reporting Tool](#)
- [Firebird Generator Guide](#)
- [Firebird and InterBase command-line utilities](#)
- [Firebird's nbackup Tool](#)
- [Firebird Null Guide](#)
- [Firebird Password File Utility](#)
- [Firebird Shell Scripts](#)

Interbase® Documentation

The complete range of InterBase 6.0 documentation is available for download at the IBPhoenix website:

- InterBase 6.0 API Guide
- InterBase 6.0 Data Definition Guide
 - InterBase 6.0 Developer's Guide
- InterBase 6.0 Embedded SQL Guide
 - InterBase 6.0 Operations Guide
- InterBase 6.0 Language Reference
- InterBase 6.0 full set, cross-indexed

The full range of InterBase documentation since version 7.5 can be found at the [Embarcadero website](#)

Firebird/Interbase® Character Sets

- [Overview of the main character sets in Firebird](#)
- [InterBase character sets and collation orders](#)
- Please also refer to the: [Database Technology Articles](#) section, [Character sets](#)

Miscellaneous

- [Glossary](#)

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