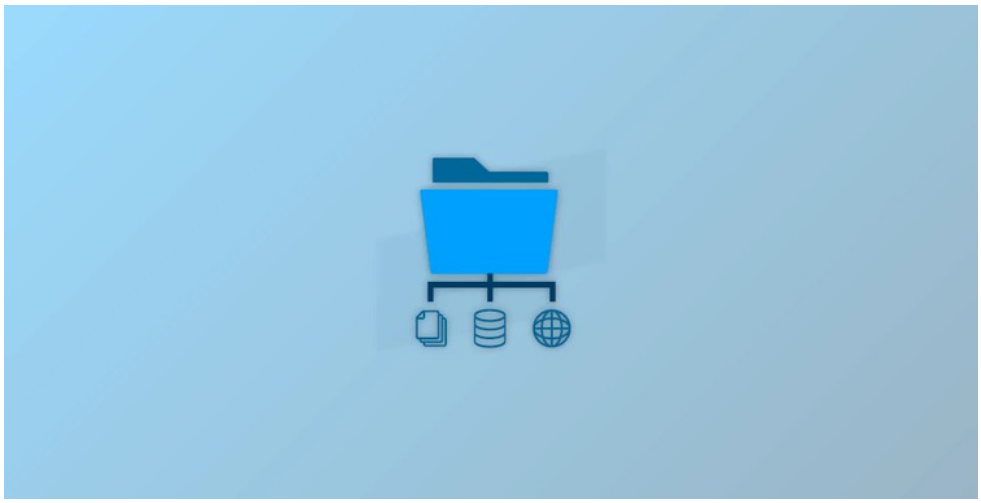
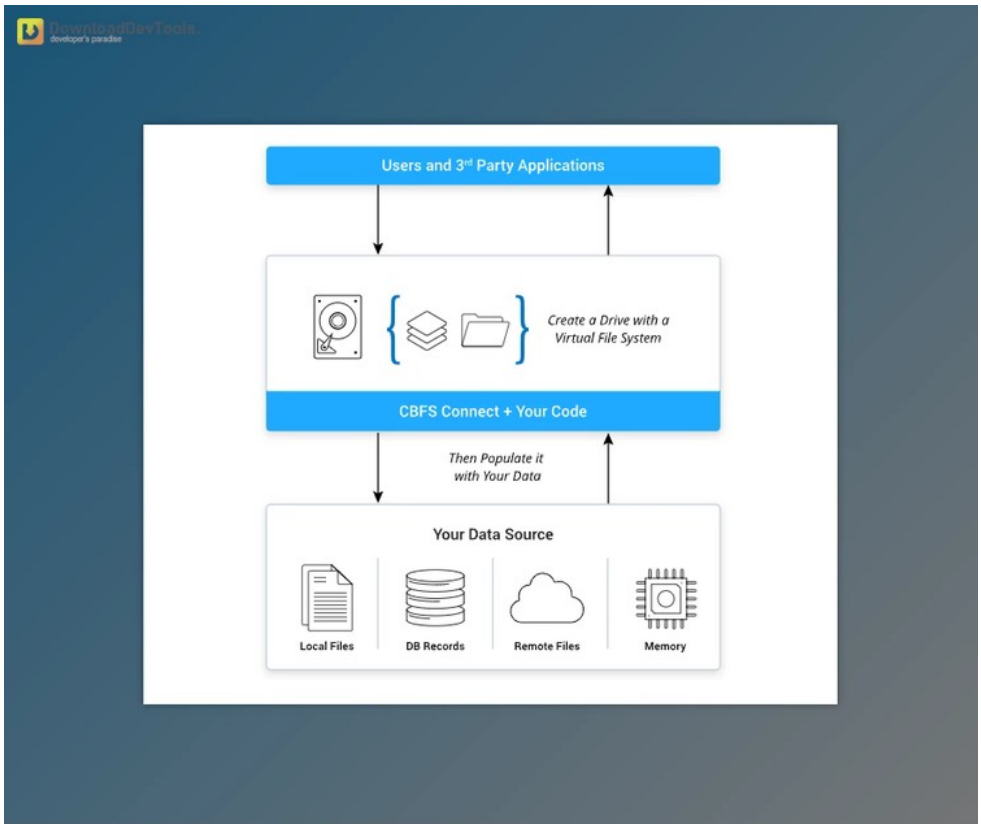
Callback Technologies CBFS Connect 2024 v24.0.9258 for All Platforms

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is a powerful software development kit (SDK) that makes creating and managing virtual filesystems simple and flexible. Whether working with local or remote files, cloud storage, database records, or dynamically generated content, CBFS Connect allows you to present any data source as a fully functional filesystem. This means you can make your data accessible like a regular drive with folders and files, allowing users and applications to interact easily without needing to write complex driver code.

One of **Callback Technologies CBFS Connect**'s key strengths is its focus on security and stability. Unlike traditional kernel-level programming, which can be difficult and prone to issues, CBFS Connect handles operations at the user mode level. This separation reduces the chances of system crashes or security risks, making your applications safer and more stable. Trusted by technology companies worldwide for over 20 years, CBFS Connect lets developers create virtual filesystems without diving into complicated kernel code.

Callback Technologies CBFS Connect also offers advanced features like file encryption, file access auditing, and the ability to handle large files efficiently. With cross-platform support for Windows, macOS, and Linux, it also includes tools like a local NFS server and FUSE-like API to ensure your virtual filesystem works seamlessly across different environments. Developers can also control access permissions, ensuring only authorized users or applications can view or modify the data.

Key Features of **Callback Technologies CBFS Connect** :

所有软件资源 100%安全 已检测 无病毒 无篡改
去预览

标签

Components Java & ActiveX

1. Virtual Filesystem Creation: This feature exposes any data source as a fully featured filesystem that acts like a local drive with files and folders.
2. User-Mode Code Execution: Avoid risky kernel programming by processing filesystem actions at the user level, enhancing security and reducing system crashes.
3. File Encryption & Auditing: Easily implement transparent encryption and audit file operations for secure data management.
4. Cross-Platform Support: Works on Windows, macOS, and Linux, with consistent APIs across all platforms, making it easier to develop multi-OS applications.
5. Local NFS Server: Create and serve files locally using NFS 4.1 without requiring a kernel mode driver, simplifying file sharing on macOS.
6. Advanced NTFS Features: Supports NTFS-like features such as file locking, partial updates, reparse points, quotas, and directory change notifications.
7. Custom Access Control: Developers can set up their own permissions, controlling who can access, view, or modify files within the virtual filesystem.
8. Efficient Large File Handling: Manage large files by transferring only the necessary parts, optimizing performance during copy, move, or streaming operations.
9. Docker Support: Create virtual drives within Docker containers without needing the driver in the container itself, ensuring flexibility in containerized environments.
10. Flexible Mounting Options: It supports multiple mounting points per disk, session-local mounts, and network mounting options, and it can treat disks as fixed or removable.
11. FUSE-Like API: It provides a FUSE-like API across all supported platforms, making it easier to write cross-platform virtual filesystem applications.

版本列表

Callback Technologies CBFS Connect 2024 v24.0.9000 Delphi Edition

Callback Technologies CBFS Connect 2024 v24.0.9258 for .NET

CBFS Connect 2020 .NET Edition

CBFS Connect 2020 C++ Builder Edition

CBFS Connect 2020 C++ Edition

CBFS Connect 2020 Delphi Edition

CBFS Connect 2020 Java Edition

CBFS Connect 2020 Python Edition

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