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PyRDPConnect

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PyRDPConnect is a cross-platform Python application designed to provide a sleek, modern, and efficient front-end interface for connecting to Remote Desktop (RDP) sessions. Built with PyQt5, the application supports both macOS and Linux, offering an intuitive and user-friendly experience for users who need to manage RDP connections across multiple environments.

Features

- **Cross-Platform Compatibility:** PyRDPConnect is compatible with both macOS and Linux, with specific adjustments made to ensure seamless operation on both operating systems.
- **Customizable Interface:** The application uses a customizable UI that allows users to define their preferred settings, such as server address, resolution, multi-monitor support, sound redirection, and more.
- **Auto-Detection of FreeRDP Version:** The application automatically detects the version of FreeRDP installed on the system and adjusts the command syntax accordingly, ensuring compatibility with both older and newer versions of FreeRDP.
- **Bundled FreeRDP:** PyRDPConnect includes the ability to package the correct version of

FreeRDP within the application, simplifying deployment and reducing dependency issues.

- **Certificate Handling:** The application handles SSL certificates during connection attempts, providing users with the option to accept or reject untrusted certificates through a dialog box.
- **Resource Management:** The application efficiently manages resources, including styles, icons, and other assets, ensuring they are bundled correctly in the final application package.
- **Connection Management:** The interface includes a progress dialog to indicate the status of connection attempts, with options to cancel the attempt if necessary.
- **Logging and Debugging:** The application includes logging features for easier debugging and tracking of issues during the connection process.
- **VPN Networking:** The application includes support for OpenVPN.

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