

Didisoft OraSFTP

SFTP communication with PL/SQL methods inside the Oracle Database

Didisoft OraSFTP is an Oracle PL/SQL package designed to provide SFTP (Secure File Transfer Protocol) client side communication.

The package provides all the standard SFTP operations including upload, download, delete, rename, create remote directories, modify remote file attributes, but instead of using files it performs all those operations with the data in Oracle© database columns.

All the network communication operations are executed inside the database with no external applications involved.

Compatibility

The SFTP protocol support of the package is fully compatible with all the major SFTP servers available on the market.

PRODUCT SUMMARY

- SFTP communication inside Oracle© databases versions 11 and 12.
- Dedicated PL/SQL methods that work directly over the database columns.
- All the application logic is inside the database and no external applications are involved.
- Compliant with all SFTP server software available on the market.
- Easy API with short learning curve.

DidiSoft OraSFTP

SFTP communication with PL/SQL methods inside the Oracle Database

Designed for Oracle Developers

The OraSFTP package is designed to provide consistent PL/SQL methods for SFTP client side communication. All the code is executed inside the Oracle© database memory space.

High security

The private keys used in the SFTP authentication can be stored inside the Oracle© database and used directly from there, eliminating the need to access external files.

Full SFTP support

All the current SFTP authentication and communication protocols are supported.

TECHNICAL SPECIFICATION

Oracle Database

Version 11, 12, 18, 19

- ✓ Enterprise Edition
- ✓ Standard Edition
- ✓ Standard One

Programming Languages

PL/SQL

Public Key Algorithms

RSA, DSA, Elliptic Curves (ECDH/ECDSA)

Key Format

OpenSSH, PuTTY, ssh.com

Encryption Algorithms

AES 128/192/256, DES, 3DES, Blowfish

Signing Algorithms

SHA-256/384/512, SHA-1, MD-5

Network Protocols

SFTP v3, v4, v5, v6, SSH v2

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DidiSoft is a trusted leader in global business data protection. Over a decade DidiSoft has focused on providing encryption solutions to thousands of customers, including government agencies and financial institutions. Our software provides cost effective and easy to implement data protection solutions that is simple for IT to administer and operate.