

DidiSoft OraPDFProtect

PDF encryption and Visual digital signatures from PL/SQL

DidiSoft OraPDFProtect is an Oracle PL/SQL package designed to provide PDF security operations.

The package provides encrypting and digital signing of PDF files.

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

Encrypting options

- **Password**
- **X.509 Certificate.**

Signing options

Digital signatures with key and certificate chain from a Personal Information Exchange key storage (.pfx, pkcs12/p12) file.

Visual signatures

Programmable appearance of the Visual signatures, including page, location on the page, rectangle size, text color, signature text, background image.

PRODUCT SUMMARY

- PDF cryptography operations inside Oracle© databases versions 11 and above.
- Dedicated PL/SQL methods that work with BLOB fields.
- All the application logic is inside the database and no external applications are involved.
- Compliant with the PDF document standard.
- Easy API with short learning curve.

DidiSoft OraPDFProtect

PDF encryption and Visual digital signatures from PL/SQL

Designed for Oracle Developers

The OraPDFProtect package is designed to provide consistent PL/SQL methods for encrypting and signing PDF documents loaded inside the database. All the code is executed inside the Oracle© database memory space.

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)

Key Format

PKCS#12, .PFX, X.509 Certificates

Encryption Algorithms

AES 128

Signing Algorithms

SHA 256/384/512, SHA-1

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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.