



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'jose.1'

\$ man jose.1

JOSE(1)

JOSE(1)

NAME

jose - Toolkit for performing JSON Object Signing and Encryption

SYNOPSIS

jose alg [-k KIND]

jose b64 dec -i B64 [-O BIN]

jose b64 enc -I BIN [-o B64]

jose jwe dec -i JWE [-I CT] -k JWK [-p] [-O PT]

jose jwe enc [-i JWE] -I PT -k JWK [-p] [-r RCP] [-o JWE] [-O CT] [-c]

jose jwe fmt -i JWE [-I CT] [-o JWE] [-O CT] [-c]

jose jwk exc [-i JWK] -I JWK -r JWK [-o JWK]

jose jwk gen -i JWK [-o JWK]

jose jwk pub -i JWK [-o JWK]

jose jwk thp -i JWK [-a ALG] [-o THP]

jose jwk use -i JWK [-a] [-r] -u OP

jose jws fmt -i JWS [-I PAY] [-o JWS] [-O PAY] [-c]

jose jws sig [-i JWS] [-I PAY] [-s SIG] -k JWK [-o JWS] [-O PAY] [-c]

jose jws ver -i JWS [-I PAY] -k JWK [-O PAY] [-a]

OVERVIEW

Jos? is a C-language implementation of the Javascript Object Signing and Encryption standards. Specifically, Jos? aims towards implementing the following standards:

- ? RFC 7515 - JSON Web Signature (JWS)
- ? RFC 7516 - JSON Web Encryption (JWE)
- ? RFC 7517 - JSON Web Key (JWK)
- ? RFC 7518 - JSON Web Algorithms (JWA)
- ? RFC 7519 - JSON Web Token (JWT)
- ? RFC 7520 - Examples of Protecting Content Using JOSE
- ? RFC 7638 - JSON Web Key (JWK) Thumbprint

The Jos? command line utility provides facilities for the following:

- ? URL-safe Base64 Encoding & Decoding
- ? Key Generation and Management
- ? Encryption & Decryption
- ? Signing & Verification

AUTHOR

Nathaniel McCallum <npmccallum@redhat.com>

SEE ALSO

jose-alg(1), jose-b64-dec(1), jose-b64-enc(1), jose-jwe-dec(1),
jose-jwe-enc(1), jose-jwe-fmt(1), jose-jwk-exc(1), jose-jwk-gen(1),
jose-jwk-pub(1), jose-jwk-thp(1), jose-jwk-use(1), jose-jws-fmt(1),
jose-jws-sig(1), jose-jws-ver(1)

08/09/2021

JOSE(1)