



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

\$ man jose-jwk-pub.1

JOSE-JWK-PUB(1) JOSE-JWK-PUB(1)

NAME

jose-jwk-pub - Cleans private keys from a JWK

SYNOPSIS

jose jwk pub -i JWK [-o JWK]

OVERVIEW

The jose jwk pub command removes all private key material from one or more JWK(Set) inputs. The output will contain only public key material.

If the JWK contains the "key_ops" property, it will be automatically adjusted to include only operations relevant to public keys.

OPTIONS

- ? -i JSON, --input=JSON : Parse JWK(Set) from JSON
- ? -i FILE, --input=FILE : Read JWK(Set) from FILE
- ? -i -, --input=- : Read JWK(Set) from standard input
- ? -o FILE, --output=FILE : Write JWK(Set) to FILE
- ? -o -, --output=- : Write JWK(Set) to standard input
- ? -s, --set : Always output a JWKSet

EXAMPLES

Clean private key material from a JWK:

```
$ jose jwk gen -i '{"alg":"ES256"}' -o prv.jwk
```

```
$ cat prv.jwk
```

```
{"alg":"ES256","crv":"P-256","key_ops":["sign","verify"],"kty":"EC", ...}
```

```
$ jose jwk pub -i prv.jwk -o pub.jwk
```

```
$ cat pub.jwk
```

```
{"alg":"ES256","crv":"P-256","key_ops":["verify"],"kty":"EC", ...}
```

AUTHOR

Nathaniel McCallum <npmccallum@redhat.com>

SEE ALSO

jose-alg(1), jose-jwe-enc(1), jose-jwk-exc(1), jose-jwk-gen(1),

jose-jwk-thp(1), jose-jwk-use(1), jose-jws-ver(1)

08/09/2021

JOSE-JWK-PUB(1)