```
+aead_chacha20poly1305
        _ABYTES
+aead_chacha20poly1305
     IETF_ABYTES
+aead_chacha20poly1305
_IETF_KEYBYTES
+aead_chacha20poly1305
   _IETF_NPUBBYTES
+aead_chacha20poly130
_IETF_NSECBYTES
      chacha20poly1305
+aead_chacha20poly1305
       KEYBYTES
+aead_chacha20poly1305
     ___NPUBBYTES
```

+aead\_chacha20poly1305 NSECBYTES +aead\_xchacha20poly1305 IETF\_ABYTES +aead\_xchacha20poly1305 \_IETF\_KEYBYTÉS

ParagonIE\_Sodium\_Crypto

const

```
+ const aead_xchacha20poly1305
  _IETF_NSECBYTES
```

- const aead\_xchacha20poly1305 \_IETF\_NPUBBYTES
- + const box\_curve25519xsalsa20poly1305 \_SEEDBYTES
- const box\_curve25519xsalsa20poly1305 \_PUBLICKEYBYTES
- + const box\_curve25519xsalsa20poly1305 \_SECRETKEYBYTES + const box curve25519xsalsa20poly1305 \_BEFORENMBYTES
- + const box \_curve25519xsalsa20poly1305 **NONCEBYTES**
- + const box curve25519xsalsa20poly1305 **MACBYTES**
- curve25519xsalsa20poly1305 + const box **BOXZEROBYTES** + const box\_curve25519xsalsa20poly1305 \_ZEROBYTES
- et 13 de plus...
- + static aead\_xchacha20poly1305 \_ietf\_decrypt( \$message='' \$ad='', \$nonce='', \$key='')
- + static aead\_xchacha20poly1305
- \_ietf\_encrypt( \$message=", \$ad=", \$nonce=", \$key=") static auth(\$message, \$key)
- + static auth\_verify (\$mac, \$message, \$key)
- + static box(\$plaintext, \$nonce, \$keypair)
  - + static box\_beforenm (\$sk, \$pk)
- + static box\_keypair() + static box\_seed\_keypair (\$seed)
- + static box\_keypair \_from\_secretkey\_and \_publickey(\$sKey, \$pKey)
- + static box\_secretkey (\$keypair)
- et 13 de plus... # static scalarmult\_throw \_if\_zero(\$q)