

ParagonIE_Sodium_Core_Util

+ static compare(\$left, \$right, \$len=null)
+ static declareScalarType (&\$mixedVar=null, \$type ='void', \$argumentIndex=0)
+ static intToChr(\$int)
+ static memcmp(\$left, \$right)
+ static strlen(\$str)
+ static substr(\$str, \$start=0, \$length=null)
+ static verify_16(\$a, \$b)
+ static verify_32(\$a, \$b)
+ static xorStrings(\$a, \$b)
static hash_update (&\$hs, \$data)

static

const

#\$base
#\$base2
#\$d
#\$d2
#\$invsqrtamd
#\$onemsqd
#\$sqdmone
#\$sqrtdm1
#\$sqrtdm1

+L

ParagonIE_Sodium_Core_Curve25519_H

ParagonIE_Sodium_Core_Curve25519

+ static fe_0()
+ static fe_1()
+ static fe_copy(ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static fe_frombytes(\$s)
+ static fe_isnegative (ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static fe_mul(ParagonIE_Sodium_Core_Curve25519_Fe \$f, ParagonIE_Sodium_Core_Curve25519_Fe \$g)
+ static fe_neg(ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static fe_sq(ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static fe_sq2(ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static fe_invert(ParagonIE_Sodium_Core_Curve25519_Fe \$Z)
et 27 de plus...

+KEYPAIR_BYTES
+SCALAR_BYTES
+SEED_BYTES

+CORE_H2C_SHA256
+CORE_H2C_SHA512
+HASH_SC_L
+crypto_core_ristretto255_HASHBYTES

ParagonIE_Sodium_Core_Ed25519

+ static keypair()
+ static secretkey(\$keypair)
+ static publickey(\$keypair)
+ static pk_to_curve25519(\$pk)
+ static sk_to_pk(\$sk)
+ static sign_detached (\$message, \$sk)
+ static scalar_complement(\$s)
+ static scalar_random()
+ static scalar_negate(\$s)
+ static scalar_add(\$a, \$b)
+ static scalar_sub(\$x, \$y)

ParagonIE_Sodium_Core_Ristretto255

+ static fe_cneg(ParagonIE_Sodium_Core_Curve25519_Fe \$f, \$b)
+ static fe_abs(ParagonIE_Sodium_Core_Curve25519_Fe \$f)
+ static ristretto255_sqrt_ratio_m1(ParagonIE_Sodium_Core_Curve25519_Fe \$u, ParagonIE_Sodium_Core_Curve25519_Fe \$v)
+ static ristretto255_point_is_canonical(\$s)
+ static ristretto255_frombytes(\$s, \$skipCanonicalCheck=false)
+ static ristretto255_p3_tobytes(ParagonIE_Sodium_Core_Curve25519_Ge_P3 \$h)
+ static ristretto255_elligator(ParagonIE_Sodium_Core_Curve25519_Fe \$t)
+ static ristretto255_from_hash(\$h)
+ static is_valid_point(\$p)
+ static ristretto255_add(\$p, \$q)
et 14 de plus...
static h2c_string_to_hash_sha256(\$hLen, \$ctx, \$msg)
static h2c_string_to_hash_sha512(\$hLen, \$ctx, \$msg)
static _string_to_element (\$ctx, \$msg, \$hash_alg)