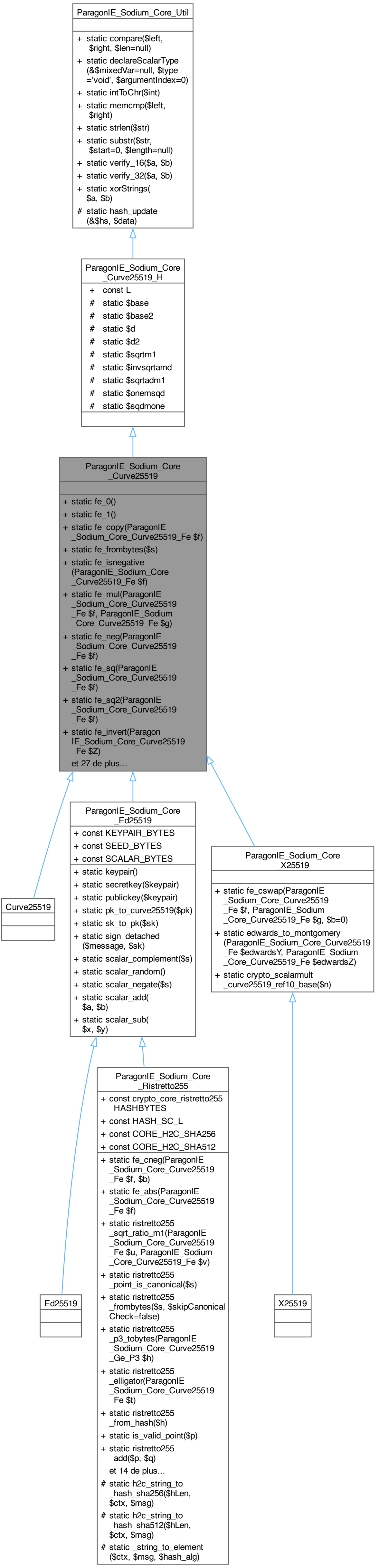
ParagonIE_Sodium_Core_Util
+ static compare($left, $right, $len=null)
+ static declareScalarType (&$mixedVar=null, $type ='void', $argumentIndex=0)
+ static intToChr($int)
+ static memcmp($left, $right)
+ static strlen($str)
+ static substr($str, $start=0, $length=null)
+ static verify_16($a, $b)
+ static verify_32($a, $b)
+ static xorStrings($a, $b)
# static hash_update (&$hs, $data)
ParagonIE_Sodium_Core _Curve25519_H
+ const L
# static $base
# static $base2
# static $d
# static $d2
# static $sqrtm1
# static $invsqrtamd
# static $sqrtadm1
# static $onemsqd
# static $sqdmone
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(Paragon IE_Sodium_Core_Curve25519 _Fe $Z)
et 27 de plus...
Curve25519
ParagonIE_Sodium_Core _Ed25519
+ const KEYPAIR_BYTES
+ const SEED_BYTES
+ const SCALAR_BYTES
+ static keypair()
+ static secretkey($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 _X25519
+ static fe_cswap(ParagonIE _Sodium_Core_Curve25519 _Fe $f, ParagonIE_Sodium _Core_Curve25519_Fe $g, $b=0)
+ static edwards_to_montgomery (ParagonIE_Sodium_Core_Curve25519 _Fe $edwardsY, ParagonIE_Sodium _Core_Curve25519_Fe $edwardsZ)
+ static crypto_scalarmult _curve25519_ref10_base($n)
ParagonIE_Sodium_Core _Ristretto255
+ const crypto_core_ristretto255 _HASHBYTES
+ const HASH_SC_L
+ const CORE_H2C_SHA256
+ const CORE_H2C_SHA512
+ 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, $skipCanonical Check=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)
Ed25519
X25519