

Stores precomputed random values, for hash computation, Deterministic (fixed seed)

«LazyLock~ZobristTables~»

ZOBRIST

+Deref to ZobristTables

contains (lazy init)

ZobristTables

+pieces: [[u64; 64]; 12]

+castling: [u64; 4]

+en_passant: [u64; 8]

+side_to_move: u64

+generate() : ZobristTables

+piece(Piece, Color, usize) : u64

+castling_key(CastleRights) : u64

+en_passant_key(usize) : u64

-piece_index(Piece, Color) : usize

uses for generation

«External: rand_chacha»
ChaCha8Rng

+seed_from_u64(u64) : Self
+gen() : u64

parameter

«Enum from types::others»
Piece

Pawn
Knight
Bishop
Rook
Queen
King

parameter

«Enum from types::others»
Color

White
Black

parameter

«Struct from types::others»
CastleRights

+0: u8
+WHITE_KING
+WHITE_QUEEN
+BLACK_KING
+BLACK_QUEEN