LidoLocator

- [Source code](#)
- [Deployed contract](#)

LidoLocator is the universal address book for the Lido protocol. It follows the well-known [service locator](#) pattern.

Upgradability

The contract uses [OssifiableProxy](#) for upgradability and does not use storage for the address book. Instead, all addresses are embedded into the implementation's bytecode as immutables for gas efficiency, allowing one to update them along with a proxy implementation.

Methods

accountingOracle()

Returns an address of the [AccountingOracle contract](#)

function

accountingOracle ( )

view

returns (address) ;

depositSecurityModule()

Returns an address of the [DepositSecurityModule contract](#)

function

depositSecurityModule ( )

view

returns (address)

elRewardsVault()

Returns an address of the [LidoExecutionLayerRewardsVault contract](#)

function

elRewardsVault ( )

view

returns (address)

legacyOracle()

Returns an address of the [LegacyOracle contract](#)

function

legacyOracle ( )

external

view

returns (address)

lido()

Returns an address of the [Lido contract](#)

function

lido ( )

external

view

returns (address)

oracleReportSanityChecker()

Returns an address of the [OracleReportSanityChecker contract](#)

function

oracleReportSanityChecker ( )

view

returns (address)

burner()

Returns an address of the [Burner contract](#)

function

burner ( )

view

returns (address)

stakingRouter()

Returns an address of the [StakingRouter contract](#)

function

stakingRouter ( )

view

returns (address)

treasury()

Returns an address of the treasury

function

treasury ( )

view

returns (address)

validatorsExitBusOracle()

Returns an address of the [ValidatorsExitBusOracle contract](#)

function

validatorsExitBusOracle ( )

external

view

returns (address)

withdrawalQueue()

Returns an address of the [WithdrawalQueueERC721 contract](#)

function

withdrawalQueue ( )

view

returns (address)

withdrawalVault()

Returns an address of the [WithdrawalVault contract](#)

function

withdrawalVault ( )

view

returns (address)

postTokenRebaseReceiver()

Returns an address of the contract following the [IPostTokenRebaseReceiver](#) interface described inside Lido . Right now it returns the [LegacyOracle](#) address.

function

postTokenRebaseReceiver ( )

view

returns (address) ;

oracleDaemonConfig()

Returns an address of the [OracleDaemonConfig contract](#)

function

oracleDaemonConfig ( )

view

returns (address)

coreComponents()

Returns a batch of core components addresses at once.

It's just a more gas-efficient way of calling several public getters at once.

function

coreComponents ( )

view

returns (address elRewardsVault , address oracleReportSanityChecker , address stakingRouter , address treasury , address withdrawalQueue , address withdrawalVault)

oracleReportComponentsForLido()

Returns a batch of addresses that is used specifically during oracle report handling in the Lido contract.

It's just a more gas-efficient way of calling several public getters at once.

function

oracleReportComponentsForLido ( )

view

returns (address accountingOracle , address elRewardsVault , address oracleReportSanityChecker , address burner , address withdrawalQueue , address withdrawalVault , address postTokenRebaseReceiver)