

















































Type	File	Logic Contracts	Interfaces	Lines	nLines	nSLOC	Comment Lines	Complex. Score	Capabilities
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\VendorAddressAliasHelper.sol	1	————	43	43	14	24	8	Σ
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\SystemContractsCaller.sol	2	————	143	117	82	19	77	□
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\L2ContractHelper.sol	1	3	167	118	42	89	34	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\interfaces\IPaymasterFlow.sol	————	1	21	14	3	9	5	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\interfaces\IPaymaster.sol	————	1	51	28	9	23	11	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\ForceDeployUpgrader.sol	1	————	16	16	7	6	5	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\Dependencies.sol	————	————	5	5	2	1	————	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\L2WethBridge.sol	1	————	123	109	52	35	54	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\L2Weth.sol	1	————	114	111	52	43	60	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\L2StandardERC20.sol	1	————	150	150	78	46	53	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\L2ERC20Bridge.sol	1	————	162	144	83	33	98	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\interfaces\L2Weth.sol	————	1	14	7	4	1	15	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\interfaces\L2StandardToken.sol	————	1	19	12	6	1	9	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\interfaces\L2Bridge.sol	————	1	40	21	15	2	14	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\ValidatorTimelock.sol	1	————	155	148	77	50	87	□Σ
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync-contracts\bridge\interfaces\L1Bridge.sol	————	1	14	7	3	2	3	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\Storage.sol	————	————	146	146	64	74	————	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\LegacyGetters.sol	————	1	21	12	5	4	13	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\Getters.sol	————	1	83	19	10	10	61	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\Executor.sol	————	1	107	79	43	34	11	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\Base.sol	————	1	6	5	3	1	3	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\Admin.sol	————	1	61	10	5	13	23	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\libraries\TransactionValidator.sol	1	————	169	153	72	59	29	Σ
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\libraries\PriorityQueue.sol	1	————	82	82	42	27	6	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\libraries\Merkle.sol	1	————	47	43	26	10	25	□
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\libraries\LibMap.sol	1	————	66	62	23	29	4	Σ
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\libraries\Diamond.sol	1	————	306	294	173	82	104	□ 
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\L2Zksync.sol	————	1	10	10	6	1	9	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\interfaces\Mailbox.sol	————	1	154	89	39	53	18	
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\DiamondProxy.sol	1	————	56	56	30	22	59	□ 
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\DiamondInit.sol	1	————	91	91	54	27	19	□
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\facets\Getters.sol	1	————	247	247	132	70	110	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\facets\Mailbox.sol	1	————	429	363	207	113	176	□ 
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\facets\Executor.sol	1	————	480	433	277	105	192	□
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\facets\Base.sol	1	————	34	34	20	9	9	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\facets\Admin.sol	1	————	128	128	67	41	56	————
	c:\Users\fattal\Desktop\Zksync\Contracts\zksync\Config.sol	————	————	126	126	40	50	29	————
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\ContractDeployer.sol	1	————	356	313	161	106	140	
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\DefaultAccount.sol	1	————	232	213	96	100	118	□ 
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\Constants.sol	————	————	126	126	65	37	35	————
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\Compressor.sol	1	————	254	239	124	89	85	

	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\ComplexUpgrader.sol	1	————	32	32	15	13	29	
	c:\Users\fatta\Desktop\Zksync\Contracts\upgrades\DefaultUpgrade.sol	1	————	47	47	24	13	15	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\BootloaderUtilities.sol	1	————	320	318	231	57	101	
	c:\Users\fatta\Desktop\Zksync\Contracts\upgrades\BaseZkSyncUpgrade.sol	1	————	243	239	131	68	60	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\AccountCodeStorage.sol	1	————	139	139	62	58	66	
	c:\Users\fatta\Desktop\Zksync\Contracts\governance\IGovernance.sol	————	1	81	38	19	20	27	————
	c:\Users\fatta\Desktop\Zksync\Contracts\governance\Governance.sol	1	————	263	263	119	106	120	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\SystemContext.sol	1	————	484	460	208	176	144	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\openzeppelin\utils\Address.sol	1	————	308	227	119	132	41	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\NonceHolder.sol	1	————	176	176	82	64	72	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\MsgValueSimulator.sol	1	————	59	59	31	17	27	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\EfficientCall.sol	1	————	275	236	112	98	127	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\RLPEncoder.sol	1	————	107	107	75	18	123	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\Utils.sol	1	————	97	97	51	32	25	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\openzeppelin\token\ERC20\utils\SafeERC20.sol	1	————	151	117	75	31	28	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\UnsafeBytesCalldata.sol	1	————	51	51	31	14	53	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\TransactionHelper.sol	1	————	414	414	258	113	118	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\SystemContractHelper.sol	1	————	367	361	194	134	180	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\openzeppelin\token\ERC20\extensions\IERC20.sol	————	1	82	38	16	58	13	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\libraries\SystemContractsCaller.sol	1	————	267	241	118	106	115	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\L2EthToken.sol	1	————	143	138	66	50	48	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\L1Messenger.sol	1	————	337	329	211	70	154	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\KnownCodesStorage.sol	1	————	81	81	45	24	45	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\openzeppelin\token\ERC20\extensions\IERC20Permit.sol	————	1	60	44	10	42	7	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\ImmutableSimulator.sol	1	————	45	45	20	20	19	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\EmptyContract.sol	1	————	15	15	5	7	11	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IMailbox.sol	————	1	13	6	3	1	3	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\INonceHolder.sol	————	1	47	17	4	21	21	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IL2StandardToken.sol	————	1	17	10	5	1	9	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IL1Messenger.sol	————	1	50	44	17	19	7	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IKnownCodesStorage.sol	————	1	13	8	4	1	7	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\ImmutableSimulator.sol	————	1	14	11	7	1	5	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IEthToken.sol	————	1	36	6	3	1	25	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\IContractDeployer.sol	————	1	91	43	22	21	31	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\ICompressor.sol	————	1	24	13	6	4	11	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\ComplexUpgrader.sol	————	1	7	6	3	1	6	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\BootloaderUtilities.sol	————	1	11	8	4	1	3	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\AccountCodeStorage.sol	————	1	17	6	3	1	13	————
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\Account.sol	————	1	47	20	5	13	26	
	c:\Users\fatta\Desktop\Zksync\Contracts\system-contracts\interfaces\SystemContract.sol	1	————	46	46	27	13	8	————

	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\interfaces\SystemContextDeprecated.sol	—————	1	15	10	3	5	7	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\interfaces\SystemContext.sol	—————	1	56	29	11	14	29	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\interfaces\PaymasterFlow.sol	—————	1	16	13	3	8	5	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\system-contracts\interfaces\Paymaster.sol	—————	1	51	28	9	23	11	
	c:\Users\fattal\Desktop\Zksync\Contracts\common\ReentrancyGuard.sol	1	—————	90	90	32	46	41	
	c:\Users\fattal\Desktop\Zksync\Contracts\common\libraries\UnsafeBytes.sol	1	—————	46	46	27	14	57	
	c:\Users\fattal\Desktop\Zksync\Contracts\common\libraries\UncheckedMath.sol	1	—————	22	22	13	6	1	
	c:\Users\fattal\Desktop\Zksync\Contracts\common\libraries\L2ContractHelper.sol	1	—————	73	68	28	35	28	
	c:\Users\fattal\Desktop\Zksync\Contracts\common\L2ContractAddresses.sol	—————	—————	33	33	9	15	8	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\common\interfaces\AllowList.sol	—————	1	85	38	14	22	19	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\common\Dependencies.sol	—————	—————	5	5	2	1	—————	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\common\interfaces\L2ContractDeployer.sol	—————	1	36	25	10	16	5	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\common\AllowListed.sol	1	—————	17	17	10	4	4	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\common\AllowList.sol	1	—————	139	123	59	46	52	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\L1WethBridge.sol	1	—————	314	280	141	107	131	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\L1ERC20Bridge.sol	1	—————	359	319	164	112	147	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\IWETH9.sol	—————	1	8	5	3	1	8	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\L2WethBridge.sol	—————	1	11	6	3	1	3	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\L2ERC20Bridge.sol	—————	1	12	7	3	2	3	—————
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\libraries\BridgeInitializationHelper.sol	1	—————	59	53	31	17	15	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\L2Bridge.sol	—————	1	26	7	3	2	14	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\L1BridgeLegacy.sol	—————	1	14	7	3	2	6	
	c:\Users\fattal\Desktop\Zksync\Contracts\bridge-eth\interfaces\L1Bridge.sol	—————	1	51	19	12	2	16	
	Totals	58	44	11669	10229	5347	3691	4420	

Components

Contracts	Libraries	Interfaces	Abstract
32	22	44	4

Exposed Functions

This section lists functions that are explicitly declared public or payable. Please note that getter methods for public stateVars are not included.

Public	Payable
406	62

External	Internal	Private	Pure	View
367	456	26	104	229

StateVariables

Total	Public
93	46