

# message

## Enumerations

### InboxMessageKind

The inbox message kind as defined

in: <https://github.com/OffchainLabs/nitro/blob/c7f3429e2456bf5ca296a49cec3bb437420bc2bb/contracts/src/libraries/MessageTypes.sol>

### Enumeration Members

Enumeration Member Value L1MessageType\_ethDeposit 12 L1MessageType\_submitRetryableTx 9 L2MessageType\_signedTx 4

## Interfaces

### RetryableMessageParams

The components of a submit retryable message. Can be parsed from the events emitted from the Inbox.

### Properties

Property Type Description  
callValueRefundAddress string Address to credit I2Callvalue on L2 if retryable txn times out or gets cancelled  
data string Calldata for of the L2 message  
destAddress string Destination address for L2 message  
excessFeeRefundAddress string L2 address address to credit (gaslimit x gasprice - execution cost)  
gasLimit BigNumber Max gas deducted from user's L2 balance to cover L2 execution  
I1Value BigNumber Value sent at L1  
I2CallValue BigNumber Call value in L2 message  
maxFeePerGas BigNumber Gas price for L2 execution  
maxSubmissionFee BigNumber Max gas deducted from L2 balance to cover base submission fee  
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