

event

Type Aliases

EventArgs

type

EventArgs < T

:

T

extends

TypedEvent < infer __ ,

infer TObj

? TObj :

never ; The type of the event arguments. Gets the second generic arg

Type parameters

Type parameter T

Source

[dataEntities/event.ts:10](#)

EventFromFilter

type

EventFromFilter < TFilter

: TFilter extends

TypedEventFilter < infer TEvent

? TEvent :

never ; The event type of a filter Gets the first generic arg

Type parameters

Type parameter TFilter

Source

[dataEntities/event.ts:18](#)

TypeChainContractFactory

type

TypeChainContractFactory < TContract

: object ; Typechain contract factories have additional properties

Type parameters

Type parameter TContract extends Contract

Type declaration

Member Type connect TContract createInterface Interface

Source

[dataEntities/event.ts:41](#)

Functions

parseTypedLog()

function

parseTypedLog < TContract , TFilterName

(contractFactory : TypeChainContractFactory < TContract

, log : Log , filterName : TFilterName) :

null

| EventArgs < EventFromFilter < ReturnType < TContract ["filters"] [TFilterName]

Parse a log that matches a given filter name.

Type parameters

Type parameter TContract extends Contract <TContract

TFilterName extends string

Parameters

Parameter Type Description contractFactory [TypeChainContractFactory](#) <TContract

log Log The log to parse filterName TFilterName

Returns

null | [EventArgs](#) <[EventFromFilter](#) >>

Null if filter name topic does not match log topic

Source

[dataEntities/event.ts:53](#)

parseTypedLogs()

function

parseTypedLogs < TContract , TFilterName

(contractFactory : TypeChainContractFactory < TContract

, logs : Log [] , filterName : TFilterName) : EventArgs < EventFromFilter < ReturnType < TContract ["filters"] [TFilterName]

[] Parses an array of logs. Filters out any logs whose topic does not match provided the filter name topic.

Type parameters

Type parameter TContract extends Contract <TContract

TFilterName extends string

Parameters

Parameter Type Description contractFactory [TypeChainContractFactory](#) <TContract

logs Log [] The logs to parse filterName TFilterName

Returns

[EventArgs](#) <[EventFromFilter](#) >>[]

Source

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