

Class: EventEmitter<EventTypes, Context>

Minimal `EventEmitter` interface that is molded against the Node.js `EventEmitter` interface.

Type Parameters

EventTypes

`EventTypes` extends `ValidEventTypes` = `string` | `symbol`

Context

`Context` extends `any` = `any`

Constructors

Constructor

```
new EventEmitter<EventTypes, Context>(): EventEmitter<EventTypes, Context>
```

Returns

`EventEmitter<EventTypes, Context>`

Properties

prefixed

```
static prefixed: string | boolean
```

Methods

addListener()

```
addListener< T >( event , fn , context? ): this
```

Type Parameters

T

T *extends* string | symbol

Parameters

event

T

fn

[EventListener](#) < EventTypes , **T** >

context?

Context

Returns

this

emit()

```
emit< T >( event , ... args ): boolean
```

Calls each of the listeners registered for a given event.

Type Parameters

T

`T` extends `string` | `symbol`

Parameters

event

`T`

args

... Parameters < [EventListener](#) < EventTypes , T >>

Returns

`boolean`

eventNames()

```
eventNames(): EventNames < EventTypes >[]
```

Return an array listing the events for which the emitter has registered listeners.

Returns

[EventNames](#) < EventTypes >[]

listenerCount()

```
listenerCount( event ): number
```

Return the number of listeners listening to a given event.

Parameters

event

`EventNames` < `EventTypes` >

Returns

number

listeners()

```
listeners< T >( event ): EventListener < EventTypes , T >[]
```

Return the listeners registered for a given event.

Type Parameters

T

T extends `string` | `symbol`

Parameters

event

T

Returns

`EventListener` < `EventTypes` , T >[]

off()

```
off< T >( event , fn? , context? , once? ): this
```

Type Parameters

T

`T extends string | symbol`

Parameters

event

`T`

fn?

`EventListener < EventTypes , T >`

context?

`Context`

once?

`boolean`

Returns

`this`

on()

```
on< T >( event , fn , context? ): this
```

Add a listener for a given event.

Type Parameters

T

`T extends string | symbol`

Parameters

event

`T`

fn

`EventListener < EventTypes , T >`

context?

`Context`

Returns

`this`

once()

```
once< T >( event , fn , context? ): this
```

Add a one-time listener for a given event.

Type Parameters

T

`T extends string | symbol`

Parameters

event

`T`

fn

```
EventListener < EventTypes , T >
```

context?

```
Context
```

Returns

```
this
```

removeAllListeners()

```
removeAllListeners( event? ): this
```

Remove all listeners, or those of the specified event.

Parameters

event?

```
EventNames < EventTypes >
```

Returns

```
this
```

removeListener()

```
removeListener< T >( event , fn? , context? , once? ): this
```

Remove the listeners of a given event.

Type Parameters

T

```
T extends string | symbol
```

Parameters

event

T

fn?

`EventListener` < `EventTypes` , T >

context?

Context

once?

boolean

Returns

this