

## Widget API Reference

API documentation for the widget components and hooks.

### Widget Component

Properties and types of the `LiFiWidget` component.

Name Type Default Description Example integrator string

Identifier of the integrator (dApp/company name) OpenSea apiKey string

API authentication key referrer string

Identifier of the referrer fee number

A float between 0.0 and 0.1, 0.1 refers to 10% of the transaction volume 0.05 insurance boolean false Enables bridge insurance fromChain string | number The user's current wallet chain Source chain ID or chain abbreviation 42161 fromToken string

Token Contract Address 0x539bde0d7dbd336b79148aa742883198bbf60342 fromAmount number 0 Token amount to swap 69.42 toChain string | number 'eth' Destination chain ID or chain abbreviation 137 toToken string

Destination token contract address 0xd6df932a45c0f255f85145f286ea0b292b21c90b toAddress string

Destination wallet address 0x2b563420722cBcFC84857129Bef775e0dC5F1401 slippage number 0.005 Sets default slippage (saved to user settings in localStorage on the first load) routePriority 'RECOMMENDED' | 'FASTEST' | 'CHEAPEST' | 'SAFEST' 'RECOMMENDED' Sets default route priority order (saved to user settings in localStorage on the first load) variant 'default' | 'expandable' | 'drawer' 'default' Variant of the widget [Select Widget Variants](#) subvariant 'default' | 'split' | 'refuel' | 'nft' 'default' Subvariant of the widget [Select Widget Variants](#) appearance 'light' | 'dark' | 'auto' 'auto' Default appearance of the widget 'dark' disabledUI DisabledUIType[]

Allow disabling parts of the UI ['fromToken', 'toToken', 'fromAmount', 'toAddress'] hiddenUI HiddenUIType[]

Allow hiding parts of the UI ['appearance', 'language', 'toAddress', 'poweredBy'] requiredUI RequiredUIType[]

Makes parts of the UI required ['toAddress'] containerStyle CSSProperties

Styles for the widget container element [Customize Widget](#) theme ThemeConfig

Sets palette, shape, and typography [Customize Widget](#) useRecommendedRoute boolean false Allow showing only recommended route true walletManagement WidgetWalletManagement

Set of callbacks to manage widget wallet state [Wallet Management](#) sdkConfig ConfigUpdate

Provides custom configuration to the SDK [Set up the SDK](#) chains { allow?: number[]; deny?: number[]; }

Allow or deny chains tokens { featured?: Token[]; allow?: Token[]; deny?: Token[]; }

Allow and deny tokens or add a featured tokens array, which will be shown above any other tokens in a special section bridges { allow?: string[]; deny?: string[]; }

Allow or deny bridges exchanges { allow?: string[]; deny?: string[]; }

Allow or deny exchanges languages { default?: LanguageKey; allow?: LanguageKey[]; deny?: LanguageKey[]; }

Allow or deny languages or set a default one languageResources LanguageResources

Allow overriding translation strings (titles/labels/messages) disableLanguageDetector boolean

Disables widget language detection

### Widget Events

Properties and types of the `useWidgetEvents` hook.

...

Copy `enumWidgetEvent` { `RouteExecutionStarted`='routeExecutionStarted', `RouteExecutionUpdated`='routeExecutionUpdated', `RouteExecutionCompleted`='routeExecutionCompleted',

```
RouteExecutionFailed='routeExecutionFailed', RouteHighValueLoss='routeHighValueLoss',  
RouteContactSupport='routeContactSupport', SourceChainTokenSelected='sourceChainTokenSelected',  
DestinationChainTokenSelected='destinationChainTokenSelected', SendToWalletToggled='sendToWalletToggled',  
ReviewTransactionPageEntered='reviewTransactionPageEntered', }
```

```
typeWidgetEvents={ routeExecutionStarted:Route; routeExecutionUpdated:RouteExecutionUpdate;  
routeExecutionCompleted:Route; routeExecutionFailed:RouteExecutionUpdate;  
routeHighValueLoss:RouteHighValueLossUpdate; routeContactSupport:RouteContactSupport;  
sourceChainTokenSelected:ChainTokenSelected; destinationChainTokenSelected:ChainTokenSelected;  
sendToWalletToggled:boolean; reviewTransactionPageEntered?:Route; };
```

```
interfaceRouteContactSupport{ supportId?:string; }
```

```
interfaceRouteHighValueLossUpdate{ fromAmountUsd:string; gasCostUSD?:string; toAmountUSD:string; valueLoss:string; }
```

```
interfaceRouteExecutionUpdate{ route:Route; process:Process; }
```

```
interfaceChainTokenSelected{ chainId:ChainId; tokenAddress:string; }
```

```
...
```

Last updated 5 months ago On this page \*[Widget Component](#) \* [Widget Events](#)

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