

Chrome Storage Module - tKey JS SDK

[@tkey/chrome-storage](#)

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The Chrome Storage Module helps you store and recall key shares in the chrome extension storage.

Installationâ

- npm
- Yarn
- pnpm

npm install --save @tkey/chrome-storage yarn add @tkey/chrome-storage pnpm add @tkey/chrome-storage

Initializationâ

```
import
{
  ChromeExtensionStorageModule
}
from
"@tkey/chrome-storage" ; const chromeStorageModule =
new
ChromeExtensionStorageModule ( ) ;
```

Usageâ

With the `ChromeExtensionStorageModule` , you have access to the multiple functions as mentioned in the type reference, however, the most important ones are:

Get ShareStore from Storageâ

`getStoreFromChromeExtensionStorage(): Promise;`

Exampleâ

```
const share =
await tKey . modules . chromeStorage . getStoreFromChromeExtensionStorage ( ) ;
```

Store Device Shareâ

`storeDeviceShare(deviceShareStore: ShareStore, customDeviceInfo?: StringifiedType): Promise;`

- deviceShareStore
- : TheShareStore
- object to store.
- customDeviceInfo?
- : Information about the device to store.

Exampleâ

```
const generateShareResult =
await tKeyInstance . generateNewShare ( ) ; const share =
await tKeyInstance . outputShareStore ( generateShareResult . newShareIndex ) ; await tKey . modules . chromeStorage .
storeDeviceShare ( share ) ;
```

Type Reference^â

ChromeExtensionStorageModule

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class

ChromeExtensionStorageModule

implements

IModule

{ moduleName :

string ; tbSDK :

ITKeyApi ; constructor () ; setModuleReferences (tbSDK :

ITKeyApi) :

void ; initialize () :

Promise < void

 ; storeDeviceShare (deviceShareStore :

ShareStore , customDeviceInfo ? :

StringifiedType) :

Promise < void

 ; storeShareOnChromeExtensionStorage (share :

ShareStore) :

Promise < void

 ; getStoreFromChromeExtensionStorage () :

Promise < ShareStore

 ; inputShareFromChromeExtensionStorage () :

Promise < void

 ; }

ShareStore

^â

class

ShareStore

implements

ISerializable

{ share :

Share ; polynomialID :

PolynomialID ; constructor (share :

Share , polynomialID :

PolynomialID) ; static

fromJSON (value :

StringifiedType) :

ShareStore ; toJSON () :

StringifiedType ; } interface

ISerializable

{ toJSON () :

StringifiedType ; } [Edit this page](#) [Previous](#) [React Native Storage](#) [Next](#) [Security Questions](#)