

Seed Phrase Module

SeedPhraseModule is an Android module that provides functionality for setting, changing, getting, and deleting seed phrases for a ThresholdKey object.

To use the SeedPhraseModule in your Android project, you will need to import the module as follows:

```
import
```

```
com . web3auth . tkey . ThresholdKey . ThresholdKey ; import
```

```
com . web3auth . tkey . ThresholdKey . Modules . SeedPhraseModule ;
```

 SeedPhraseModule is a class that provides the following methods:

Function	Description	Arguments	Async	return
setSeedPhrase	Set seed phrase to corresponding tKey thresholdKey:	ThresholdKey, format: String, phrase: String?, number_of_wallets: UInt32	Yes	void
changePhrase	Changes specific seed phrase thresholdKey:	ThresholdKey, old_phrase: String, new_phrase: String	Yes	void
getPhrases	Gets all seed phrases stored in tKey.	thresholdKey: ThresholdKey	Yes	[seedPhraseStruct]
deletePhrase	Delete the seed phrase thresholdKey:	ThresholdKey, phrase: String	Yes	void

setSeedPhrase()

[â](#)

```
public static void setSeedPhrase(ThresholdKey thresholdKey, String format, @Nullable String phrase, int wallets, ThresholdKeyCallback callback)
```

This function sets the seed phrase for the given ThresholdKey.

Parameters

Parameters	Type	Description
thresholdKey	ThresholdKey	The ThresholdKey object to set the seed phrase for.
format	String	The format of the seed phrase.
phrase	String?	The seed phrase. If nil, a random seed phrase is generated.
wallets	int	The number of wallets to derive from the seed phrase.
Returns		

- Void

Throws

- Error: An error if the operation fails.

changePhrase()

[â](#)

```
public static void changePhrase(ThresholdKey thresholdKey, String oldPhrase, String newPhrase, ThresholdKeyCallback callback)
```

This function changes the seed phrase of the given ThresholdKey. The old_phrase parameter specifies the old seed phrase, and the new_phrase parameter specifies the new seed phrase. The function is asynchronous and can throw an error.

Parameters

Parameters	Type	Description
thresholdKey	ThresholdKey	The ThresholdKey object to change the seed phrase for.
oldPhrase	String	The old seed phrase.
newPhrase	String	The new seed phrase.
Returns		

- Void

Throws

- Error: An error if the operation fails.

getPhrases()

[â](#)

```
public static String getPhrases(ThresholdKey thresholdKey) throws RuntimeException
```

This function returns an array of seedPhraseStruct objects, which contain the seed phrases and their type for the given ThresholdKey.

Parameters^a

Parameters Type Description thresholdKey ThresholdKey The ThresholdKey object to get the seed phrases for. Returns

- seedPhraseStruct

Throws

- RuntimeException: An error if the operation fails.

deletePhrase()

^a

public static void deletePhrase(ThresholdKey thresholdKey, String phrase, ThresholdKeyCallbackcallback)

This method deletes a seed phrase from the given ThresholdKey.

Parameters^a

Parameters Type Description thresholdKey ThresholdKey The ThresholdKey instance from which to delete the seed phrase. phrase String The seed phrase to delete, as a string. Returns

- Void

Throws

- Error: An error if the operation fails. [Edit this page](#) [Previous Security Question Module](#) [Next Share Serialization Module](#)