

# 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<sup>a</sup>

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()

<sup>a</sup>

public static void deletePhrase(ThresholdKey thresholdKey, String phrase, ThresholdKeyCallback callback)

This method deletes a seed phrase from the given ThresholdKey.

### Parameters<sup>a</sup>

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](#)