# ManageVault

## States

totalBalance : totalAmount on vault contract.

balance : balance of current asset / current asso of a user.

donations : donations already done by user at current asset / current asso

fullDonations : realtime evolving full donations.

karmaAmount : amount of Karma of the connected wallet.

currentAsset : asset currently selected by the user.

currentAsso : asso already selected by the user.

currentAssetNameConfirmed : name of the asset

currentAssoNameConfirmed : name of the asset

## Functions :

### Refresh

Uses getBalance, getDonations, getTotalDonations, getKarmaBalance, getAvailable functions.

### Clearpopups

Clears success, error and waiting popups.

### getBalance

Sets state totalBalance as totalAmount on vault contract.

Sets state balance as balance of current asset / current asso of a user.

### getKarmaBalance

Sets state karmaAmount as the amount of Karma of the connected wallet.

### getDonations

Sets state donations as donations already done by user, calls getDonatorAmounts with currentAsset, currentAsso

### getTotalDonations

Sets state fullDonations with :

fullDonations = [donations already done for asset, get from donators]

+ [aToken on vault contract]

- [total token deposited on vault contract]

Realtime updated.

### deposit

Calls deposit function of vault contract.

### depositAll

Calls deposit function of vault contract. Amount is setted by frontend.

### withdraw

Calls withdraw function of vault contract.

### withdrawAll

Calls withdrawAll function of vault contract. May be done in frontend.

### getAssos

Sets assoArray from associations contract. Not used for now.

### getAssets

Sets assetArray from associations contract. Not used for now.

### getAvailable

Gets available currentAsset on the connected wallet

### setAsset

Sets currentAsset state from assetArray list. State is a object {name, token, aToken}

### setAsso

Sets currentAsso state from assoArray list. State is a object {name, address}

### getAsset

console.log the currentAsset state. For dev.

### getAsso

console.log the currentAsso state. For dev.