DRN'S SUPER TO-DO LIST API

Created for Fooji for Job Application Purpose

What is "DRN's Super To-Do List API?"

This API does all the memory management work of making a to-do list. With some minor style coding on top for this API, a fully working to-do list with category support can be had with little effort.

Getting Started

To get started, add the API to your javascript project. This is made to be compatible with NODE.JS and the NPM JS-manager. For this example, the library will be loaded with the name *todoAPI* and the object will be loaded with the name *todoExample*.

```
var todoAPI = require('./todo_api');

var todoExample = new todoAPI();
```

Members

getList()

This function will use the console to print the status of the list. This include the number of items on the list, the number of categories, a list of all the item's descriptions and categories, and a list of all the categories along with the index number for that category. This doesn't have any application for the actual web site or app and main purpose is for debugging.

getItemByIndex(int index ID)

This function returns the description of a list item given the lists index.

getCatByIndex(int index ID)

This function returns the category index of the item.

getCatNameByCatIndex(int index ID)

This function will return the name of a category form the categories index.

getListLength()

This function returns the the total number of items on the list.

getCatLength()

This function will return how many categories.

editItemByIndex(int index ID, str new name)

This function can edit an item on the list's description. Give the index of the item that editing is desired and the description of that item will be modified to the new string.

editCatByIndex(int index ID, int cat ID)

This function can edit a categories' name. Give the index of the category that editing is desired and the name of the category will be modified to the new string.

getListToContainer(str containerID)

This will return a list style HTML of all the items on the list to the ID of the element given.

addItem(str description, int category index)

This function adds an item to the list. The item's to-do description is the description string.   The category is an index of the category, see addCat(…). If a category isn't specified, the item will be added to the null, or no-category.

addCat(str name)

This function adds a category to the list of categories.

deleteItem(int index)

This function removes an item from the list.

deleteCat(int index)

This function removes a category from the list of categories. This will then move any items in that category to the null category. The NULL, default, category cannot be deleted.

Booleans

_devMode

Set this to true to enable developer features like console output commands.