

# Documentation for Run-a-prog toolbar

Prashanth K, Sree Shankar, Sumair Ahmed

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## 1 Blocking module

### 1.1 `blockText(event)`

Removes all text from the current web page

**Parameters:**

1. *event* The event which invoked this function

### 1.2 `blockFlash(event)`

Removes flash from the current web page

**Parameters:**

1. *event* The event which invoked this function

### 1.3 `blockImages(event)`

Removes images from the current web page

**Parameters:**

1. *event* The event which invoked this function

### 1.4 `setBlockOption(event,opt)`

Sets boolean variables *imgblk*, *txtblk*, *flxblk* according to what the user wants to block

**Parameters:**

1. *event* The event which invoked this function
2. *opt* Indicates what to block, value is 'img' for blocking images, 'txt' for text and 'flx' for flash

### 1.5 `block(event)`

Calls *blockFlash*, *blockImages* or *blockText* based on values of *flxblk*, *imgblk*, *txtblk*

**Parameters:**

1. *event* The event which invoked this function

## 1.6 initBlocker()

Initializes blocker, assigns function *block(event)* to the browser's page load event, so that *block* is called every time a page loads

**Parameters:** None

## 2 Save selected text module

### 2.1 TutTB\_SaveFile(fileName, content)

Creates a file *fileName* and saves *content* in it. The file is created in a folder specified by preference variable *tuttoolbar.home*

**Parameters:**

1. *fileName* File name
2. *content* Text to be saved

### 2.2 TutTB\_SaveSelected(event)

Prompts user for a file name and saves text to a file by calling *TutTB\_SaveFile(fileName, content)*

**Parameters:**

1. *event* The event which invoked this function

### 2.3 TutTB\_PickFolder()

Provides a dialog to browse through the file system and select a folder

**Returns:** Absolute path of the selected folder, null if the user chooses not to select any

### 2.4 TutTB\_PickFile()

Provides a dialog to browse through the file system and select a file

**Returns:** Absolute path of the selected file, null if the user chooses not to select any

## 3 Button management module

### 3.1 TutTB\_AddButton(tooltip,label)

Creates a button with label *label* and tooltip *tooltip*

**Parameters:**

1. *tooltip* Tooltip for the button
2. *label* Label for the button

### 3.2 TutTB\_AddProgram(event)

Prompts the user to choose a program to run, and a label for the button which has to be created, and creates the button by calling *TutTB\_addButton(tooltip,label)*

**Parameters:**

1. *event* The event which invoked this function

### 3.3 TutTB\_ClearDynamicButtons()

Removes all created buttons

**Parameters:** None

### 3.4 TutTB\_LoadDynamicButtons()

Reads preference variables and creates buttons for applications previously added by the user

**Parameters:** None

### 3.5 TutTB\_RunScript(event)

Called when user clicks one of the created buttons. Invokes associated program with selected text as its input by calling *runProgram(progPath, argument)*

**Parameters:**

1. *event* The event which invoked this function

### 3.6 runProgram(progPath, argument)

Runs program given by *progPath* and *argument* as the first command line argument

**Parameters:**

1. *tooltip* Tooltip for the button
2. *label* Label for the button

## 4 Preference management module

### 4.1 Preference variables

1. *tuttoolbar.home* The directory where the user wants to save his/her files generated by invoking Save Selected Text feature
2. *tuttoolbar.apps* Holds a semi-colon separated list of the absolute paths of applications added so far
3. *tuttoolbar.\** These variables form (key, value) pairs where key is the absolute path of the application and value is the label to be shown on the button

## 4.2 TutTB\_OpenPreferences(event)

Opens the button deletion UI

**Parameters:**

1. *event* The event which invoked this function

## 4.3 TutTBD\_getAddedProgs()

Reads tuttoolbar.apps preference variable and returns the list of applications added so far

**Returns:** The list of applications added so far

## 4.4 TutTBD\_getPref(name)

Reads preference variable *name*

**Parameters:**

1. *name* Name of the preference variable to be read

## 4.5 TutTBD\_delete(event)

Deletes the preference variable given by *tooltiptext* attribute of *event.target* and the corresponding button

**Parameters:**

1. *event* The event which invoked this function