MIT App Inventor Text Files Cheat Sheet
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Designer

Screen1

> Write text
>
> Read file
>
> Contents of file:
>
> [   ]
>
> Delete entire file

MultiLine ☑

Non-visible components

📄 ⚠️
File1 Notifier1
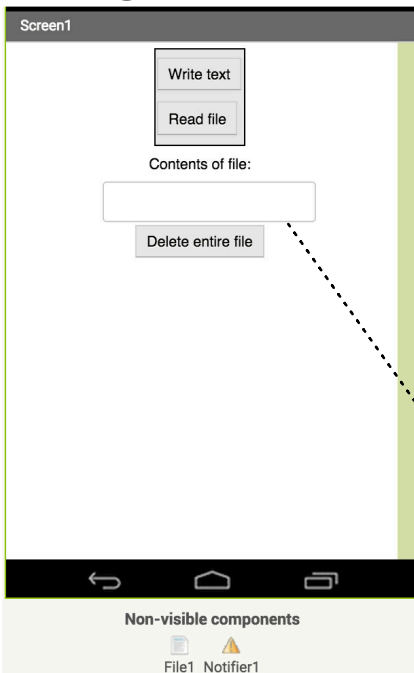
For more information about text files, go to http://appinventor.pevest.com/?p=490

For information about files, TinyDB, TinyWebDB, and Fusion Tables, please consult App Inventor 2 Databases and Files (322 pages) at http://appinventor.pevest.com/?page_id=33

```
when btnWrite .Click
do   call File1 .AppendToFile
                         text  " Line of text!\n "
                     fileName  " testfile2.txt "
     call Notifier1 .ShowAlert
                        notice  " One line of text written. "
```

```
when btnDelete .Click
do   call File1 .Delete
                     fileName  " testfile2.txt "
```

AppendToFile outputs the given text to the file. For multi-line text files, add *\n* (newline) at end of each line.

```
when btnRead .Click
do   call File1 .ReadFrom
                     fileName  " testfile2.txt "
```

```
when File1 .GotText
     text
do   set txtFileContent . Text to  get text
```

ReadFrom initiates reading the entire file, all at once. The file is not all read until the *GotText* event occurs. Use List functions to convert CSV files to/from text/list format.

```
when Screen1 .ErrorOccurred
     component  functionName  errorNumber  message
do   call Notifier1 .ShowMessageDialog
                     message  join  get component
                                    " : "
                                    get functionName
                                    " # "
                                    get errorNumber
                                    " - "
                                    get message
                       title  " File Error "
                  buttonText  " Ok "
```

If errors occur, this event handler displays the error codes on screen