

Subtitle Formatter MK.II Technical Documentation

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Variables list

* All variable is private unless are stated.

Variables	Type	Description
i	int	A local variable, that iteration to count the current line of looping.
previousTimeStamp	string	A “formatted String” to cast output into a specific format.
+ InputField	UI.InputField	A field to “receive” pure text lines for a generation.
+ OutputField	UI.InputField	A field to “output” formatted lines of subtitles.
startButton	UI.Button	A button to lick ‘isRunning’ variable to start and start the whole process.
+ timeStampButton	UI.Button	A button to separate each line of text into formatted strings.
timerText	UI.Text	A placeholder to show the current time stamp in “hh:mm: ss, mil mil” format.
isRunning	boolean	A variable to determine whether the process is running or not
elapsedTime	float	A variable to store current passed time in float format of time.

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Function List

Function Name	Private ToggleTimer()
Parameter List	None
Return value	void
Description	<ul style="list-style-type: none">• A Boolean 'isRunning' configures the text in the start/stop button, to change the text to either "stop" or "start".

Function Name	Private GetTimeStamp()
Parameter List	None
Return value	void
Description	<ul style="list-style-type: none">• Loop through the inputted string(s), and iterate by variable 'i'.

Function Name	Private FormatAndAppendTimer()
Parameter List	String line
Return value	void
Description	<ul style="list-style-type: none">• Concatenate the String to a specific format and order, order by 'i', 'previous_time', 'current_timeStamp', 'line', '\n\n'.

Function Name	Private UpdateTimerText()
Parameter List	None
Return value	void
Description	<ul style="list-style-type: none">• Update the timer.text according to specific formatted "String", but separated into 4 variables to handle, 'hour', 'minutes', 'seconds', and 'millisecond'.