

TotalDuration

COLLABORATORS

	<i>TITLE :</i> TotalDuration		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 24, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

TotalDuration

1.1 Main part

```
Total Duration

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version 1.0

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What the script does?
Requirements
Usage

Future

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Disclaimer
Effects of work

About author...
```

1.2 about author...

About author...

The one who wrote this short AREXX script is me, Tomasz Kepa :-). I wrote it in few hours, in a while of boredom. Some time ago I needed such program, even I wrote to HiP's author, but apparently the idea wasn't good enough to implement. But HiP has an AREXX port, thanks to which my script exists. But why does it exist? Some time ago I was recording a compact cassette for a friend of mine... Of course, I was recording PT mods => I wasn't able to fit the modules with acceptable accuracy, I had to use a calculator. This script could be useful then.

Please send any comments, ideas, bug reports and effect of work of this script (please!) to:

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If you decided to use snail-mail, please send a nice postcard =)

1.3 what the script does?

What the script does?

This script calculates total duration of modules present in HiP's module list. Also it gives informations about the highest and lowest duration and also an average of all durations. It can be sometimes useful (as it would be in my case).

1.4 requirements

Requirements

Script needs an Amiga with KS1.2+ (althought checked only on A1200 w/ 3.0); HippoPlayer 2.12+ (I think) and working AREXX server. Also some modules won't do any harm =)

1.5 usage

Usage

Script can be ran from CLI or Shell with command

```
RX TotalDuration.hip [SD=ShortDisplay] [ND=NoDisplay]
```

Parameters in square brackets are optional (do you see any other brackets? =). Parameter SD or ShortDisplay will cause displaying immediate results in one line. Parameter ND or NoDisplay will cause no output except short raport at the end. You can also use /? as parameter, you'll get short help.

Remember, you can give only one argument at a time.

In Shell you can add an s protection-bit to the script. This will allow you running the script by writing only a name.

During the calculating of duration you should remember that if HiP will ask you about deleting the file from list (if e.g. its format can't be recognized), do NOT delete. Deleting may cause errors in average.

Also the title bar should be set to 'time/duration, pos/length'. Else you will get 0:00 on each module.

Remember, this script works correctly (the effects are accurate) only when the duration can be calculated. You can't get the durations from e.g. ScreamTracker. Also never-ending ProTracker modules has duration 0:00.

1.6 disclaimer

Disclaimer

This script is FreeWare. This means that no fee should be charged for copying. Script can be distributed only with HippoPlayer, including script's documentation. I am not liable for any eventual damages caused directly or indirectly by this script.

If you want to use this script commercially, you should contact me first.

1.7 future

Future

In this version script checks the duration after loading and playing the module (this is one HiP's AREXX function, I can't change it from 'outside' of HiP). This causes that you hear some sound from beginning of the module before the next one is loaded. I hope that in near future HiP will have function which would only load the module, without playing, which will leave music channels unallocated (you could use the channels for other purposes, now you can not).

If anyone would request, I could localize the script.

1.8 effects of work

Effects of work

Total duration of 514 modules is 30:32:05 (that's exactly 109925 seconds)
Highest duration: 32:09, lowest duration: 0:07. Average: 3:33

It's more than 30.5 hours of contiguous music... more than a day :-)
Whole check took 15 minutes 58 seconds (thanks must go to my FAST RAM :)
(I used some UN*X' Time like program)

My collection: 514 modules.
Compression: xpkSQSH and xpkCRMS
Size: approx. 86 MB w/o compression, 52 MB w/ compression (hey, I have only 200 MB of HD :-)

These were full, normal modules. Now chip ones:

Total duration of 372 modules is 9:07:34 (that's exactly 32854 seconds)
Highest duration: 8:35, lowest duration: 0:07. Average: 1:28

Wow!! 9 hours of pure chip! :-)
Whole check took 5 minutes and 8 seconds.

My collecton: 372 modules
Compression: xpkSQSH, xpkGZIP, xpkPWPk, xpkCRMS, xpkNUKE and xpkMASH
Size: approx. 8.3 MB w/o compression, 3.4 MB w/ compression (wow!)

I wonder how is it on your Amiga...

Remember: I can put your statistics here!