

HoF-Analyzer

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	<i>TITLE :</i> HoF-Analyzer		
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Chapter 1

HoF-Analyzer

1.1 HoF-Analyzer 1.4 - Contents

Welcome to HoF-Analyzer !

HoF-Analyzer 1.4 by Christophe Macours
with Blitz Basic 2.1
© Copyright April 1998

Introduction
What, How, Why ?

Distribution
Please read !

Requirements
What you need

Installation
Very complicated...

Getting Started
How to load ?

Using
How to use ?

Help me!

Problems, bugs...

Thankyous
People I want to thank

The Author...
All about me...

History
Program history

The future
Future changes

1.2 Introduction

Introduction

This program allows you to dissect Alan Strang's HoF (Hall of Fame) files. It is widely inspired by Michal Janak's HoFPoints. I appreciate much his program but it doesn't allow a global vision of the standings and the records encoding is rather boring. That's why I decided to start programming, with Blitz Basic 2.1 (which is fantastic).

You will be able to view the classifications of each circuit, edit and save your times. You will also set a position or another driver to reach and HoF-Analyzer will show you the needed performance. You can also see the track were you are the worst, in various ways.

Other features are in development but I'm waiting to see if the program is appreciated. Suggestions and bugs reports are of course welcome !

1.3 Distribution

Distribution

HoF-Analyzer is Moduleware. If you like it, I invite you to send me a music module (mod. ...) of your own, to my

E-Mail
address.

You can copy HoF-Analyzer as many times as you want, as long as it is kept with the following files:

HoF-Analyzer.info	Standard 4 colours icon
HoF-Analyzer_MWB.info	Magic-WB 8 colours icon
HoF-Analyzer.guide	English documentation

HoF-Analyzer_French.guide French documentation

Of course, I cannot be held liable if this program causes any problems with your system, even if nothing serious should happen. Have a look at the
 bugs
 page.

For the rest, I don't advise you to cut this program into 36 pieces, or to sell it at 30000 pounds. It's up to you...

1.4 Requirements

Requirements

Any Amiga with OS 2.0 or higher should suit. However, HoF-Analyzer has only been tested on a Amiga 1200 and 4000, both with Kickstart 3.0 and 4Mb Fast.

You also need a HoF AmigaGuide file. The only valid HoF files are those published from October 1996; the others are obsolete since the (new) 107% rule.

The reqtools.library and diskfont.library are also required.

I advise you to use the F.Giannici's CycleToMenu commodity (or any equivalent) to make the circuits choice easier, as well as Magic Menu (by Martin Korndörfer and Olaf 'Olsen' Barthel) to have nice looking menus (they are still ugly). You can find those tools in the appropriate directory on Aminet.

1.5 Installation

Installation

Installation is very easy. Just copy the HoF-Analyzer executable file into the desired directory.

1.6 Getting Started

Getting Started

From Workbench:

Just double-click over the HoF-Analyzer icon to open the window.
There are different TOOLTYPES (which are NOT case sensitive):

ID=your_HoF_ID Ex: ID=CM

This allows HoF-Analyzer to identify you.

If the chosen ID doesn't appear in the HoF, you can still compare your

performances with the HoF by encoding them manually.

If that Tooltype is not specified, the ID CM is used by default :-)

HOFF=your_HoF_file Ex: HOF=Work:Jeux/grandprix/HoF/HOF_APR.GUIDE

The HoF file to work on. The program won't run if it is not a correct file.
If that Tooltype is not specified, a file requester will appear.

REC=your_records_file Ex: REC=Work:Jeux/HoF-Analyzer/CM_Records

The Records file to load, which contains the Manual Times. That file has nothing to do with the Lap Records files from F1GP ! It is a file specific to HoF-Analyzer.

SPLIT=SplitTime_file Ex: SPLIT=Work:Jeux/SplitTime/CM_SplitTimes

The SplitTime file to load. It is a 840 bytes file containing the times recorded by Rene Smit's SplitTime. HoF-Analyzer allows you to compare your times with the Virtual times, and load your manual track times from it.

NEEDPOS=your_needed_pos Ex: NEEDPOS=3

Determines the Global position you want to reach (i.e. the slider position).
If that Tooltype is not specified, the needed position is your Global position minus one.

MODE=mode_id Ex: MODE=1

This ToolType allows you to start with the NeedTime calculation Mode of your choice.

Equal: mode_id = 0
Janak's: mode_id = 1
Split: mode_id = 2

If that Tooltype is not specified, the calculation Mode is Equal.

WORST=worst_id Ex: WORST=2

This ToolType allows you to start with the Worst track detection mode of your choice.

Pos: worst_id = 0
Score: worst_id = 1
Diff.: worst_id = 2
Split: worst_id = 3
Date: worst_id = 4

If that Tooltype is not specified, the Worst button is on Pos.

FONTNAME=window_font_name Ex: FONTNAME=helvetica

The Font to use in the window. This is useful if your screen font is not cleanly proportional (i.e. the cyphers' width is not constant). If that

Tooltpe is not specified, the screen font is used by default.

FONTSIZE=window_font_size Ex: FONTSIZE=15

The size of the window font. If that Tooltpe is not specified, the screen font size is used by default.

WINX=X_pos_of_window Ex: WINX=64

Determines the horizontal position of the window.

WINY=Y_pos_of_window Ex: WINY=64

Determines the vertical position of the window.

From CLI:

Just type HoF-Analyzer after its path. There is no option because the config is read from the file HoF-Analyzer.info.
So please refer the Tooltypes' descriptions above.

1.7 Using

Using

HoF-Analyzer uses two types of commands:

- The
 - Gadgets
 - The
 - Menus

1.8 Using of Gadgets

Using of Gadgets

You will find below a description of the window of HoF-Analyzer. To know more about a button, just click on it !

Select Track: Get Times: ID: Time:
Global
From HoF

```

ID
    1m
17.338

Score:
228.63

Need Global Pos:
    |
    7

Need Time: Diff.:

Standings
1m16.829
- 0.509

Mode:
Janak's
    Enemy:
OR
Diff.:
+ 0.364
    Worst
Score
    Germany

```

1.9 Using of Gadgets

Select Track

This button allows you to choose the kind of classification you want to be shown into the listview. There are two kinds of classification:

Global: Displays the general standings of HoF.

Any Track: Displays the time classification of the selected track.

Key shortcut: s

1.10 Using of Gadgets

Get Times

This button gives you two possibilities:

From HoF: HoF-Analyzer will pick your times directly from the HoF file, without any modification.

Manually: Your "official" times will be replaced by the Manual Times,
manually
encoded
or
preloaded
.

Key shortcut: t

1.11 Using of Gadgets

Standings

In this listview, you will find either the general classification or the selected track classification, according to the

Track
button.

If you appear in the classification, the line corresponding to your ID is automatically selected.

An asterisc (*) is displayed after every updated records (as in the HoF).

If you select an entry in the listview, an Info Window will appear.

If your are in
Global
mode, you will see:

Global Score: the global score of the selected driver
Score Delta: the score difference with the previous HoF
Last HoF Pos: the global rank in the previous HoF
Average Pos: the average track position in the current HoF
Qualified Tracks: the number of tracks records submitted
Highest/Lowest: your best and worst track positions

In
Manual
mode, these data are re-calculated.

If any track is selected :

Time: the laptime made by the selected driver on the selected track
Date: the date the record was made
Options: the HoF options - see the HoF documentation for more details
Setup: the setup used - see your F1GP documentation for more details

This Info Window allows you to save the setup by clicking the Save Setup button. Then a requester appears asking you to select a setup file to save. The saved file is the standard 14 bytes F1GP car setup file format and can then be used by F1GP or F1GP-Ed.

Important Note: In
Global

mode, your score is the only to be updated, the others don't change (for example when you become first at a track). This inconvenient may be removed in the future.

Key shortcuts:

Up and Down arrows to move in the listview, and Enter to select the highlighted entry.

Keys 1 -> 9 and a -> g to select tracks (as in SplitTime).

1.12 Using of Gadgets

ID

This gadget simply reminds you who you are :-). It has not really a defined purpose - I sometimes wonder why I kept it...

The only way to change your ID is to edit the

ID TOOLTYPE

.

1.13 Using of Gadgets

Time

This gadget is only active in

Manually

mode. It allows you to enter your record for the selected circuit. Your

rank

will change automatically, as

well as your

Total Score

and the

Need Time

.

Note that there is a faster way to edit your times, using the

Get Split Track Time

menu option.

Key shortcut: i to activate the edit zone.

1.14 Using of Gadgets

Score

Your total score is printed here. In

From HoF

mode, the score is the same

as in the HoF, whereas in
 Manually
 mode, your score is recalculated using
 your
 Manual Times
 . Note that you always get a point for having times (see
 HoF rules).

1.15 Using of Gadgets

Need Global Pos
 With this slider, you can specify the position you want to reach in the
 general
 standings
 . HoF-Analyzer will show you a
 Need Time
 for each circuit,
 using the method specified by the
 Mode
 button.

Key shortcut: Left and Right arrows.

1.16 Utilisation des Gadgets

Need Time
 Printed here is the time, for the selected track, you will need to reach
 the position specified by the
 slider
 .
 When you have no time at a circuit, the time to reach in mode
 Janak's
 represents the best time to get zero point.
 When you have not performed many records, the Need Time may seem strange.
 This is because
 Janak's
 calculation needs all the track times.
 In
 Split
 mode, the Virtual laptime from SplitTime is displayed.

1.17 Using of Gadgets

Diff.
 Shows the difference between your time and the
 Need Time

. When your
time is better, the difference is negative, and vice-versa.

1.18 Using of Gadgets

Mode

This button determines the calculation method to use for the
Need Times

.

There are two modes available:

Equal: The score to reach is the same for all circuits:

$$\text{need_score_circuit_x} = \text{need_total_score} / 16.$$

Janak's: HoF-Analyzer uses Michal Janak's formula, which is explained in
HoFPoints's documentation. Here is its principle:

The closer you are from the best time, the less you need to
improve it. So if you have the best time, you don't need to
improve it. However, the more your time move away from the best,
the more you have to improve it.

An additionnal mode (Split) allows you to see your SplitTime Virtual times,
which must be pre-loaded, either using the

SPLIT

ToolType or with the

Change Split file

menu option.

Key shortcut: m

1.19 Using of Gadgets

Enemy

You can find here the ID of the driver who sits at the

Needed Position

.

He is your Enemy !

1.20 Using of Gadgets

Diff.

Shows the difference between your time and your

Enemy

's time. When your time

is better, the difference is negative, and vice-versa.

1.21 Using of Gadgets

Worst

This Cycle Button allows you to see the track(s) you are the worst. There are three ways to do that:

Pos Hof-Analyzer will look for the track where your rank is the worst (i.e. the biggest), and display its name in the Text Gadget below. Note that if your worst position appears twice (or more), HoF-Analyzer will return you the first worst track found (in the normal track order).

Score The program will look for your worst track score.

Diff. HoF-Analyzer will compare the time differences between you and your Enemy (not the Need Time). The biggest difference is kept.

Split The track with the biggest difference between your track time and your Virtual time will be displayed.

Date Searches for your oldest track record, by comparing the dates in the HoF. In Manual mode, the tracks where you have updated your laptime are not included in the comparison.

Key shortcut: w

1.22 Using of Menus

Using of Menus

Please choose the Menu option you would like to know more about:

Project

Edit

Settings

Load Records

Clear Records

\ / Save Window State

Save Records

Paste from HoF

```
\ / Snapshot Window  
Change HoF File  
Get Split Track Time  
Save Settings  
Change Split file  
About...  
Quit
```

1.23 Using of Menus

```
Load Records
```

Opens a file requester and asks you to choose a Records file containing the

```
Manual Times
```

. Those Records files have nothing to do with the Lap Records files from FlGP !
If the chosen file doesn't exist or is incorrect, there is no modification. For people who are interested, the Records files are just text files, easy to edit. When there is no time for a circuit, there is a - (dash) instead.

1.24 Using of Menus

```
Save Records
```

Opens a file requester and asks you to choose a Records file that will contain the

```
Manual Times
```

currently into memory. You don't need to be in

```
Manually
```

mode for this operation.

1.25 Using of Menus

```
Change HoF File
```

Opens a file requester and asks you to choose a new HoF file to analyze. If the operation is successful, the program will recalculate some data and your

```
Manual Times
```

will be kept. If not, nothing will happen.

This operation allows you to see what your rank would have been if you had made some records three months earlier...

1.26 Using of Menus

Change Split file

Opens a file requester and asks you to choose a new SplitTime file to load. It must be a 840 bytes file generated by Rene Smit's SplitTime. HoF-Analyzer needs it to work with Virtual times and track times.

1.27 Using of Menus

About...
No comments... See the
Author
page.

1.28 Using of Menus

Quit

Exits HoF-Analyzer after confirmation. The close window gadget has the same effect.

Key shortcut: ESC

1.29 Using of Menus

Clear Records
This option allows you to clear the
Manual Times
currently in memory.

Your

Total Score
will thus be zero and you will only appear in the general
standings
, with one point. This operation is NOT reversible !

1.30 Using of Menus

Paste Records from HoF

Very useful when using HoF-Analyzer for the first time, this function allows you to copy all the HoF times to the

Manual Times

, so you don't have to

type them in.

1.31 Using of Menus

Get Split Track Time

Enables you to update the

Manual Time

of the selected track from the one

recorded by SplitTime. This is a fast way to update your times.

1.32 Using of Menus

Save Window State

This option specifies if the Need Global Pos, Mode, and Worst gadget status must be saved when choosing the

Save Settings

menu option.

1.33 Using of Menus

Snapshot Window

This option specifies if the window position must be saved when choosing the

Save Settings

menu option.

1.34 Using of Menus

Save Settings

Saves the program configuration into the

TOOLTYPES

. Here is what is saved:

- The HoF file name
 - The Records file name
 - The SplitTime file name
 - The ID
 - The Need Global Pos, Mode and Worst gadget status (if
-

```
        Save Need Pos
        is
    activated)
- The window coordinates (if
    Snapshot Window
    is activated)
```

1.35 Help me!

Help me!

As HoF-Analyzer is the first Intuition program I have created with Blitz Basic, it is not impossible, despite everything, that bugs have resisted to the tests. If so, please send me the bug description and your configuration. Moreover, if you have Fonts problems (especially in the classifications), feel free to inform me ! Finally, any suggestion is welcome !

1.36 Thankyous

Thankyous

A big thank to:

Michal Janak for his HoFPoints, without which HoF-Analyzer wouldn't exist, and also for having noticed the (stupid) bug in the Need Times.

Oliver Roberts for his critics and suggestions, his site, FlGP-Ed, etc... (I stop - there is really too much to write here :-)

Alan Strang for the HoF (continue Alan !), his constructive suggestions, and for having also tested HoF-Analyzer.

1.37 The Author

The Author

I'm 21 years old and I'm studying computer engineering at the University of Liège, Belgium. I'm fond of car racing, Amiga, athletics...

To contact me:

```
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B-5001 Belgrade
BELGIQUE
```

E-Mail: s952025@student.ulg.ac.be

If you are interested in engine sound samples (especially GTs), I suggest

you to have a look at my web page:

<http://www.stud.montefiore.ulg.ac.be/~macours/samples.html>

That's all...

1.38 History

History

V1.4 - 26 April 1998 (152472 bytes)

- Added keyboard shortcuts
- Added the Get Split Track Time menu option, which allows updating records without typing anything
- Added Date option in Worst button, to detect your oldest track record

- Menus are more font sensitive
- Corrected bug in Split file reading procedure: the time displayed was sometimes lower than expected
- Corrected bug when less than 16 track records (Thanks Ron!)

V1.3 - 14 December 1997 (139180 bytes)

- Added the Split mode, which allows viewing Virtual times from SplitTime
- Added the Split option in Worst button, to see your biggest Real-Virtual time difference
- Added the Global Info Window
- Added MODE, WORST and SPLIT ToolTypes (Thanks Alan!)
- Added asterisc (*) after ID if record is updated (as in the HoF)

- Menus are less ugly without MagicMenu
- Now works if "Fonts:" drawer doesn't exist
- Corrected some more bugs...

V1.2 - 26 October 1997 (126280 bytes)

- Added the Record Info Window with the Save Setup button
- Added the Worst button
- Added the NEEDPOS Tooltype

- The listview size depends now on the chosen Font size
- Corrected the layout bug with Fontsizes < 9

V1.1 - 26 August 1997 (121380 bytes)

- Added Enemy feature, which shows the time differences between you and the driver occupying the needed position
 - Added FONTNAME and FONTSIZE Tooltypes
 - A Bevel Box has been put around the window...
-

- Fixed a bug: when your position is 1st in the general standings, your needed times are now correct

V1.0 - 17 August 1997 (118180 bytes)

First public release.

V0.5B - 22 July 1997 (120760 bytes)

Beta version, for testing.

1.39 The Future

The Future

I think this is the last version of HoF-Analyzer, so I don't think I will add any new feature to it. But if someone wants something to be changed, it will still be possible to do it.
