

About the Darwin version of MMALPHA

Version of May 25, 2006

Patrice Quinton

This short note presents the current status of the new DARWIN version of MMALPHA.

1 How to run it

1. Set the shell to `tcsh` (I do not know how to use `bash`). To do so, start the Terminal application, and look in the preference: you should set the initial command to `/bin/tcsh`.
2. Create a `.cshrc` file in your home directory with the definition of the `MMAlpha` environment variable (where `MMAlpha` is), the command to extend the search path. For example:

```
setenv MMALPHA /Users/quinton/mmalpha
alias mma '/Applications/Mathematica\ 5.2.app/Contents/MacOS/Mathematica'
set path=($MMALPHA/bin.$OSTYPE $path)
```

First command defines the `MMAlpha` environment variable, the second one says where `Mathematica` is, and the third one adds to the `path` variable the location of the binary files of `MATHEMATICA`.

3. Create an `init.m` file in your home directory. An example of such a file is in appendix 3.
4. Add an alias with the location of `Mathematica` (see the `.cshrc` above).
5. Open a terminal window. This should run the `.cshrc` file
6. Type `mma`.

That should make it! Actually, it does not : the `init.m` file does not start...

2 Compiling for DARWIN

3 Troubleshooting

init.m does not start...

A Typical init.m file

There is no difference between this init.m file and another for Windows or Linux.

```
(* This is a simple init.m file *)
Module[ {env},
  Catch[
    env = Environment["MMALPHA"];
    If[ env === $Failed,
      mmalpha::noenv = "The MMALPHA environment variable is not set";
      Throw[ Message[ mmalpha::noenv ] ]
    ];
    Get[ env<>"/config/init.m" ];
    Alpha'$myNotebooks = "/Users/quinton/myNotebooks";
    Alpha'$myMasterNotebook = "myMaster.nb";
    Print[ Alpha'$myNotebooks ];
  ]
]
```