

FrontDoor v1.3
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***The userfriendly way of using
networks***

What is FrontDoor ?

FrontDoor is a substitute for the standard way of logging on a server.

Just Enter your UserName & Password, then FrontDoor will mount all available volumes on one or more preselected servers.

What does it do ?

FrontDoor is much more flexible than the standard route over the Chooser, because it mounts all volumes, on one or more server(s), immediately - ***which the user have access to !!!***

Example:

We have 3 servers:		
Stuff:	<i>Apps</i>	<i>(Volumes on server)</i> <i>Users</i>
Cobra:		<i>Develope</i> <i>OtherApps</i>
Mercy:		<i>Secret</i>

We include 2 of these servers, which we want to mount volumes on (the third will not be tried to gain access to !):

Stuff Cobra

We are allowed to use the volumes called:

Apps <i>(from Stuff)</i> Users <i>(from Stuff)</i> Develope <i>(from Cobra)</i>
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So we enter our username & password, then FrontDoor automatically mount these volumes at the same time.

If the user who logged on only had access to ex. **Apps** (*from Stuff*) & **Develop** (*from Cobra*) then only these volumes would have been mounted.

What do I need to run it ?

- FrontDoor does NOT !!! support system 6, so at least system 7 (I've tested it on the danish versions of system 7.0 & 7.1)
- A network, with one or more servers (which supports either AFPVersion 1.1, 2.0 or 2.1), ex. with AppleShare or System 7 filesharing.
- If you are using different zones, it have to be in Phase 2 (I haven't tried under Phase 1, so I'm not sure what happens, but...) - If you don't use zones, then it will set the zonename to '*' (That's the name of the local zone).
- It's very important, that you have the same username & password on all servers, which you try to mount volumes on !!!

ATTENTION:

- When logging on a server, FrontDoor sends the passwords encrypted over the network - *If the server supports it.. :-)*
- The admin-password is saved in the FrontDoor-application, and is only **very** simple coded - so **don't** use your normal supervisor-password !!!

Dialogs

<i>Searching for zones & servers</i>	FrontDoor is searching on the network for all servers & zones
<i>Searching for pre. servers</i>	FrontDoor is searching for the preselected servers
<i>Please Initialize FrontDoor & FrontDoor isn't initialized</i>	No servers selected to mount volumes on preselected
<i>No servers around !?!</i>	Are you sure that the Mac is connected to the network ?
<i>I need an username !!</i>	The user has not written an username
<i>It isn't the right key</i>	You have either a entered wrong registrationkey or -name
<i>Your Access was denied (Could it be the password?)</i>	An error occured while mounting volumes - Username, password, etc.

There are also some error-messages, used when unmounting allready mounted network-volumes, but they should be infomative enough to explain them here.

Ok, but how to install ?

Install it on the Mac's

This is easy, just drop it on the *System Folder* (the system then places it in the *Extensions-folder*, WHERE IT SHALL BE !!!!)

DON'T CHANGE THE NAME OF FRONTDOOR, BECAUSE ELSE IT WON'T WORK !!!

Restart the Macintosh, and FrontDoor will start up (Until you have chosen which servers FrontDoor shall connect to, you will be asked to initialize FrontDoor).

In the Finder you will see a little icon on the left hand of the menu with the System-helpbubbles with the letters FD.

This menu consists of 4 choices (*About FrontDoor, Login, Logout & Setup*)

Initialize FrontDoor:

Select "Setup" in the FrontDoor-menu
Now you are in the preferences, where you have the following options:

Allow guests	Do you want users to log on the server as guests ?
Autostart	Shall FrontDoor start automatic, when booting ?
Paste Owner	Paste the mac's ownername into the username ?

Change bootname	Change the name of the bootdisc, when starting FrontDoor ?
Include servers	Here you select the servers, which the users are allowed to log on (why waste time trying to log on 10 servers, when only 2 are of interest ?) - You can select up to 16 servers !! - If you don't choose any, FrontDoor will keep asking you to initialize it, everytime you start it.
Change password	Enter a password to limit the access to the preferences.
Register	Enter the registration code for FrontDoor
Print registrationform	Print the registration form on the printer

All preferences are saved within the system-extension, so you don't have to fool around with a preferences-file.

What does it cost ?

FrontDoor is shareware:

1 licens: \$25

Unlimited licenses: \$100

If you go into the "Setup"-part, you can print out a registration-form, which you can fill out.

Send this registration-form and a check, made payable to me, then I'll return a registration key, but please be aware, that you have to write the registration-name exactly as you want it to be shown in FrontDoor, an ex. (Site Licens for Sønderborg Handelsskole):

Registration Name:

Sønderborg Handelsskole

Registration Key:

9047295388

Until you register, the

**••• NOT REGISTERED •••
&
0 Licens(es)**

will be showed when using FrontDoor, so...

What's going to happen with FrontDoor ?

Well, if I don't get any response, nothing I suppose, but else I have some ideas for features in future versions:

- A separate preference for each user - On a server !!
- A "*startup-item*"-folder for each user - On a server !!
- Possibility to set a default printer when logging on
- A "Message Of ToDay" when logging on (Message on server)

And - hopefully - a lot of ideas from all of you out there - just come with them !!

Terms

This program is delivered "**as is**", no warranty, what so ever, is associated with this software. By using this software, you have all responsibility for any direct or indirect mishaps which may occur before, during or after the operation of the software.

If you're not satisfied with this, then just don't use it !!

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FrontDoor was primary programmed in Think Pascal v4.02, but also partly in Think C++ v7.02
(both a © by Symantec Inc.)

Ideas extracted from the Develop CD-series from APDA:

AFP C++ libraries (M. Vierling)

AppleTalk Libraries (C. Buttin)

The technical notes

Other used sources:

The Inside Macintosh Vol. I-VI Books (© Apple Computer Inc.)

The Inside AppleTalk®, Second Edition (© Apple Computer Inc.)

AppleShare 3.0 Developer's Kit, version 3.0 (© Apple Computer Inc.)

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This program was primary written, because our students complained that they had to use the chooser every time they wanted to log on the network-server. (I'm working on a danish business college - Sønderborg Handelsskole - which includes a department for computing).

Where can I be reached?

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Thanks for help, etc.

I'll like to thank the following people for their help with developing this product

My colleagues

Patience, ideas, bugreports & encouragement

My parents

For letting me use all that electricity - Actually I have used a LOT of time

Jørgen Terp

Graphics

--==> The first to register <==--

Mike Brudenell, University of York, UK

Bug-reports and ideas

Jon Nielsen, University of Western Australia

Bug-reports & help with fixing these

Matt Elliott, University of Illinois at Urbana-Champaign, USA

Bug-reports & help with fixing these

David L. Hirschberg, Weizmann Institute of Science, Israel

Bug-reports

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Ideas

Phil Karn & Jim Gillogly

NBS DES functions

Chris Reid, Strathclyde University, Glasgow, Scotland

Help with using a Think C library in Think Pascal

Robert John Churchill, The University of Michigan, USA

*A lot of great help in the sources of Authentication Manager
(Copyright (c) 1992-1994 Regents of The University of Michigan)*

Paul Mercer

ShowInit (display the icon when booting)