OrangeShell v2.0.0 Changelog Document

1. **UPDATE: OrangeOS is now called OrangeShell**

Yes, OrangeOS is now called OrangeShell as OrangeShell is more fitting – it is more of a shell rather than a full OS. I have gone through and tried to change as MANY OrangeOS references as I can but I cannot guarantee you that every reference is gone, if some references exist, they should be eliminated in the next release of OrangeShell.

1. **UPDATE: Changelog document changed**

Gone are the days when we still used *changelog.txt* to list our changes, now we are using a PDF because it allows us to format words to help you understand better

1. **NEW: Local Help Files**

Help files are no longer sourced from the website, they are now stored locally in *ROOT\System\helpdb*. This is good for two reasons:

**Reason 1:** If the server was down for maintenance, the user could not get help information, this is bad so now they can because the help document is stored locally and don’t have to depend on the server.

**Reason 2:** It is easier for extra software for OrangeOS to place their help files locally on a computer rather than contact us to publish their help files on the server.

1. **NEW: New print\_tf command**

*print\_tf* or Print to file is a command where you can print the specified text directly to a file, aka redirect the output of the *print* command to a file.

1. **NEW: New sysinfo command**

The *sysinfo* command tells you about your current OrangeOS system.

1. **UPDATE: Updated help entry for all commands**

All commands have their own help entry.

1. **BUG FIX: Home directory encryption can work even if you are CD’d into a different directory**

There was a bug where if you were CD’d into a different directory, say *C:\*, home directory encryption will not work. Now it will as we are adopting the dynamic root directory strategy.

1. **UPDATE: The crypto command**

The *crypto* command is updated so that it encrypts files like how OrangeShell encrypts your home directory, meaning it can encrypt files with bytes such as picture files and the encryption key is your password.

1. **UPDATE: The getfile command**

The *getfile* command is updated so it stops if the website returns a non-200 status code and will automatically save it in your home directory as what the file was called on the remote server, if a file exists, it will add a random series of digits at the end of the file which you can remove. If your home directory does not exist, it will save it in the OrangeSH\_Cache folder in the System folder.

1. **NEW: OrangeSH\_Cache**

The OrangeSH\_Cache folder has cached files needed for the system and spawns on every startup. To save you space, it will auto-delete when you use the command “exit” to exit the system.

1. **UPDATE: Login system**

The login system will now timeout for an incrementing amount of time on every third wrong attempt.

1. **UPDATE: The reboot command**

The reboot command automatically encrypts your home directory now and is changed to “logout”

1. **NEW: The OrangeShell Package Manager** (todo)

The OrangeShell Package Manager or OPM is a command which you can use to install, remove or update OrangeShell packages without having to do a full system upgrade. This means that you can choose to install optional software, update a specific software or remove any software you don’t like. OPM files are located locally at *ROOT\System\OPM\_Files* and the archive OPM looks at to install or update software is located at <http://opm.87fs.ml>

You can contact us to screen your software for safety and place it in the archive. To update existing software, you do the same procedure to contact us to screen your new software to update the archive. The archive is freely able to be browsed by using the link above via a browser.