

Successful User Interface Designs:

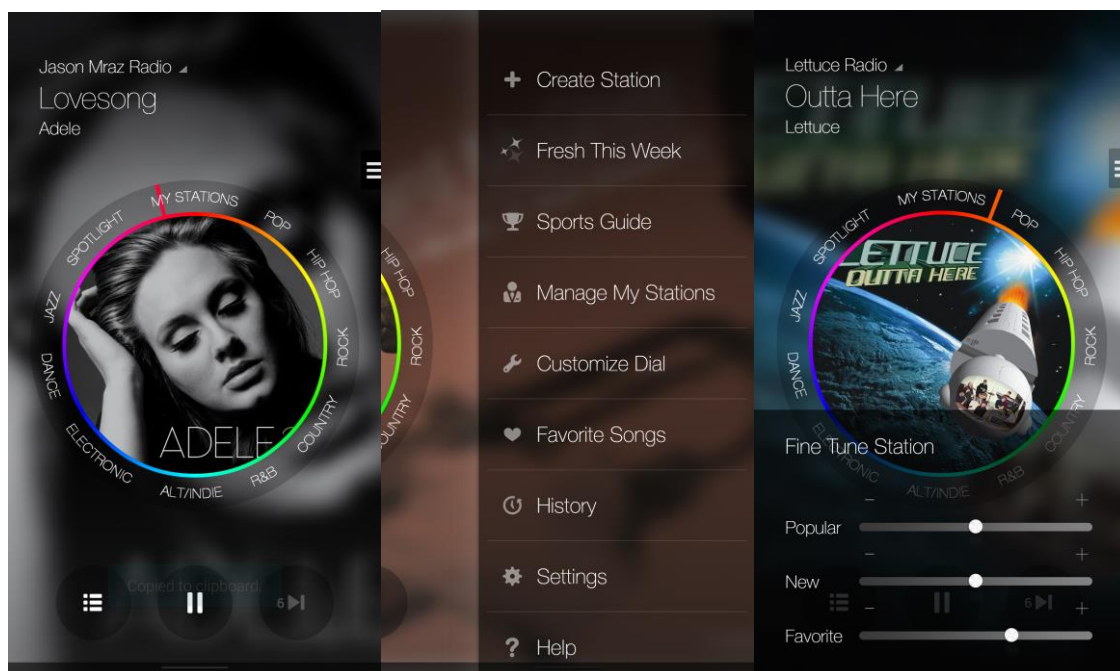
- Samsung Mobile's Milk Music
- DigitalOcean's website <https://www.digitalocean.com/>

Unsuccessful User Interface Designs:

- CentOS Terminal
- New dishwashers with top side controls ie. <http://www.lg.com/us/dishwashers/lq-LDF8072ST-integrated-dishwasher>

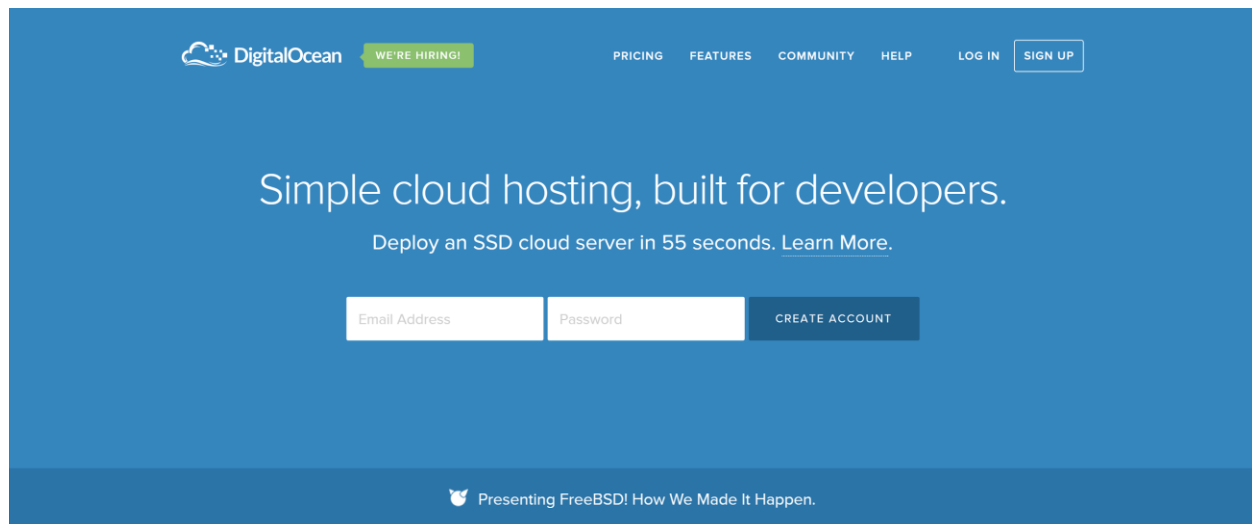
Samsung's Milk Music Application

Opening Milk Music brings the user to the main interface they will be interacting with. It is a circular dial with 10 music genres along the circumference with one spot on the top for user customized stations. The information on currently playing station and track are located according to the rule of thirds exactly where a user's eye is most likely to land first. The overall feel of the application is lightweight and almost the entire GUI is transparent allowing the currently playing album art to dominate the background. When the user wishes to customize settings or take advantage of the additional features, a slider bar is located on right side of the screen closest to the thumb. An additional hidden slider at the bottom of the screen brings up fine tuning for the current stations according to new, popular, or favorited preferences. The developers built an application where the interface is minimized, and the graphical representation of whatever is playing is at the foreground of the user's attention.



DigitalOcean's website <https://www.digitalocean.com/>

The initial point of interaction was astonishingly simple. The site begins with the homepage offering an incredibly minimalistic user interface which explicitly informs the user how easy the process will be front and center. The site offers a panel of controls across the top for sections of the site, a logo in the top left notifying who the company is and that they are hiring and two simple text input fields. The overall color scheme of the site is simplified, consisting of only two tones of blue, white and one small green accent for highlighting. The login screen and user control panel once inside the site are also simplified and streamlined. The font in the site is in the helvetica family. Every aspect of the entire experience is minimized and simplified for a fluid user experience. If setting up a server is a daunting task, the simplicity of the site is welcoming. If the user is an experienced web host, then he/she will like the site for its lightweight feel and ease of use. The following are snapshots of the entire site screen for the homepage, login, and user control panel screens respectively.



The screenshot shows the DigitalOcean homepage. At the top, there is a navigation bar with the DigitalOcean logo, a green button that says "WE'RE HIRING!", and links for PRICING, FEATURES, COMMUNITY, HELP, LOG IN, and a SIGN UP button. The main content area has a large heading "Simple cloud hosting, built for developers." followed by the text "Deploy an SSD cloud server in 55 seconds. [Learn More.](#)". Below this is a form with two input fields labeled "Email Address" and "Password", and a "CREATE ACCOUNT" button. At the bottom, there is a footer with a Twitter icon and the text "Presenting FreeBSD! How We Made It Happen."



Welcome Back!

LOG IN

[Forgot password?](#)

Don't have an account? [Sign Up](#)



RoshiStack

Console Access



Create Droplet

Droplets

Images

SSH Keys

Billing

Support

DNS

Apps & API

Settings

Logout

104.131.17.155 Active 512MB Ram 20GB SSD Disk New York 3 CentOS 7.0 x64



Power



Access



Resize



Snapshots



Backups



Settings



Graphs



Destroy

Power Cycle Power Off

This action is equivalent to hard resetting the server, which can cause data corruption. You should do this only if you're unable to reboot your Droplet from the command line.

Do you want to proceed?

Power Cycle

Droplet History

<https://cloud.digitalocean.com/droplets/3759003>

AdRoll
Customer.io
Google Analytics
Google Dynamic Remarketing
Keen IO
Magnetic
Segment.io
Sift Science
TrackJS
Twitter Advertising
Typekit by Adobe

CentOS

The CentOS terminal is a text based operating system command input. The computer literally goes line by line, with a black background and white text across the screen. There is no graphical interface developed in this version of CentOS without direct customization to the system. Most users operating servers do not take the time to customize their UI, and use the bare bones text input/output. The benefits of not developing a front end interface is what brings a lot of users to this format, as they are able to fully see and control everything that is happening on the machine. Commands are executed in real time in front of them, with a scrolling text display of what is happening. The photo included is the machine spitting out status results from a package installation.

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upgrade[1426]: [17/272] (18x) installing libstdc++-4.8.2-16.el7...
upgrade[1426]: [18/272] (18x) installing ncurses-libs-5.9-13.20130511.el7...
upgrade[1426]: [19/272] (18x) installing bash-4.2.45-5.el7...
upgrade[1426]: [20/272] (18x) installing libsepol-2.1.9-3.el7...
upgrade[1426]: [21/272] (11x) installing pcre-8.32-12.el7...
upgrade[1426]: [22/272] (11x) installing libselinux-2.2.2-6.el7...
upgrade[1426]: [23/272] (11x) installing zlib-1.2.7-13.el7...
upgrade[1426]: [24/272] (11x) installing info-5.1-4.el7...
upgrade[1426]: [25/272] (12x) installing audit-libs-2.3.3-4.el7...
upgrade[1426]: [26/272] (12x) installing popt-1.13-16.el7...
upgrade[1426]: [27/272] (12x) installing chkconfig-1.3.61-4.el7...
upgrade[1426]: [28/272] (12x) installing libdb-5.3.21-17.el7...
upgrade[1426]: [29/272] (13x) installing libcom_err-1.42.9-4.el7...
upgrade[1426]: [30/272] (13x) installing sed-4.2.2-5.el7...
upgrade[1426]: [31/272] (13x) installing grep-2.16-1.el7...
upgrade[1426]: [32/272] (13x) installing bzip2-libs-1.0.6-12.el7...
upgrade[1426]: [33/272] (14x) installing libgpg-error-1.12-3.el7...
upgrade[1426]: [34/272] (14x) installing nspr-4.10.2-4.el7...
upgrade[1426]: [35/272] (14x) installing libuuid-2.23.2-16.el7...
upgrade[1426]: [36/272] (15x) installing libattr-2.4.46-12.el7...
upgrade[1426]: [37/272] (15x) installing libacl-2.2.51-12.el7...
upgrade[1426]: [38/272] (15x) installing libcapp-2.22-8.el7...
upgrade[1426]: [39/272] (15x) installing nss-util-3.15.4-2.el7...
upgrade[1426]: [40/272] (16x) installing libgcrypt-1.5.3-4.el7...
upgrade[1426]: [41/272] (16x) installing readline-6.2-9.el7...
upgrade[1426]: [42/272] (16x) installing gawk-4.0.2-4.el7...
upgrade[1426]: [43/272] (16x) installing libxml2-2.9.1-5.el7...
upgrade[1426]: [44/272] (17x) installing cpio-2.11-22.el7...
upgrade[1426]: [45/272] (17x) installing lua-5.1.4-14.el7...
upgrade[1426]: [46/272] (17x) installing groff-base-1.22.2-8.el7...
upgrade[1426]: [47/272] (17x) installing elfutils-libelf-0.158-3.el7...
upgrade[1426]: [48/272] (18x) installing expat-2.1.0-8.el7...
upgrade[1426]: [49/272] (18x) installing dbus-libs-1.6.12-8.el7...
upgrade[1426]: [50/272] (18x) installing sqlite-3.7.17-4.el7...
upgrade[1426]: [51/272] (18x) installing cyrus-sasl-lib-2.1.26-17.el7...
upgrade[1426]: [52/272] (19x) installing findutils-4.5.11-3.el7...
upgrade[1426]: [53/272] (19x) installing which-2.20-7.el7...
upgrade[1426]: [54/272] (19x) installing file-libs-5.11-21.el7...
upgrade[1426]: [55/272] (19x) installing kmod-libs-14-9.el7...
upgrade[1426]: [56/272] (28x) installing xz-5.1.2-8alpha.el7...
upgrade[1426]: [57/272] (28x) installing libcap-ng-0.7.3-5.el7...
upgrade[1426]: [58/272] (28x) installing gdbm-1.10-8.el7...
upgrade[1426]: [59/272] (28x) installing perl-parent-0.225-244.el7...
upgrade[1426]: [60/272] (21x) installing perl-HTTP-Tiny-0.833-3.el7...
upgrade[1426]: [61/272] (21x) installing perl-podlators-2.5.1-3.el7...
upgrade[1426]: [62/272] (21x) installing perl-Pod-Perldoc-3.20-4.el7...
upgrade[1426]: [63/272] (21x) installing perl-Encode-2.51-7.el7...

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Dishwasher Control Design

Many newer dishwasher models seem to be taking a form over function approach to where they locate their controls. One of the newer trends is to put the controls along the top edge of the dishwasher, so that there are no buttons showing on the front face of the machine. When closed, this provides a clean look. The problem with this design is that most users have a counter with an edge that reaches out past the dishwasher. This means when closed, the dishwasher's controls are obstructed by the shelf. Any inquiry on the status of dishes being washed, how many minutes remain in the cycle, which cycle was pressed, all are hidden from view. I believe there is a way to make the front of these machines look and feel elegant, while maintaining the ease of use that front panel controls bring to the end user.

