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Fedora Websites 2022

A joint effort towards enhancing Fedora Project's web experience

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Fedora Websites and Apps Team
Principal Software Engineer, Red Hat

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What is this talk about, and what is it not about?

It's about **Fedora's websites.**
Not the web apps & infrastructure apps.

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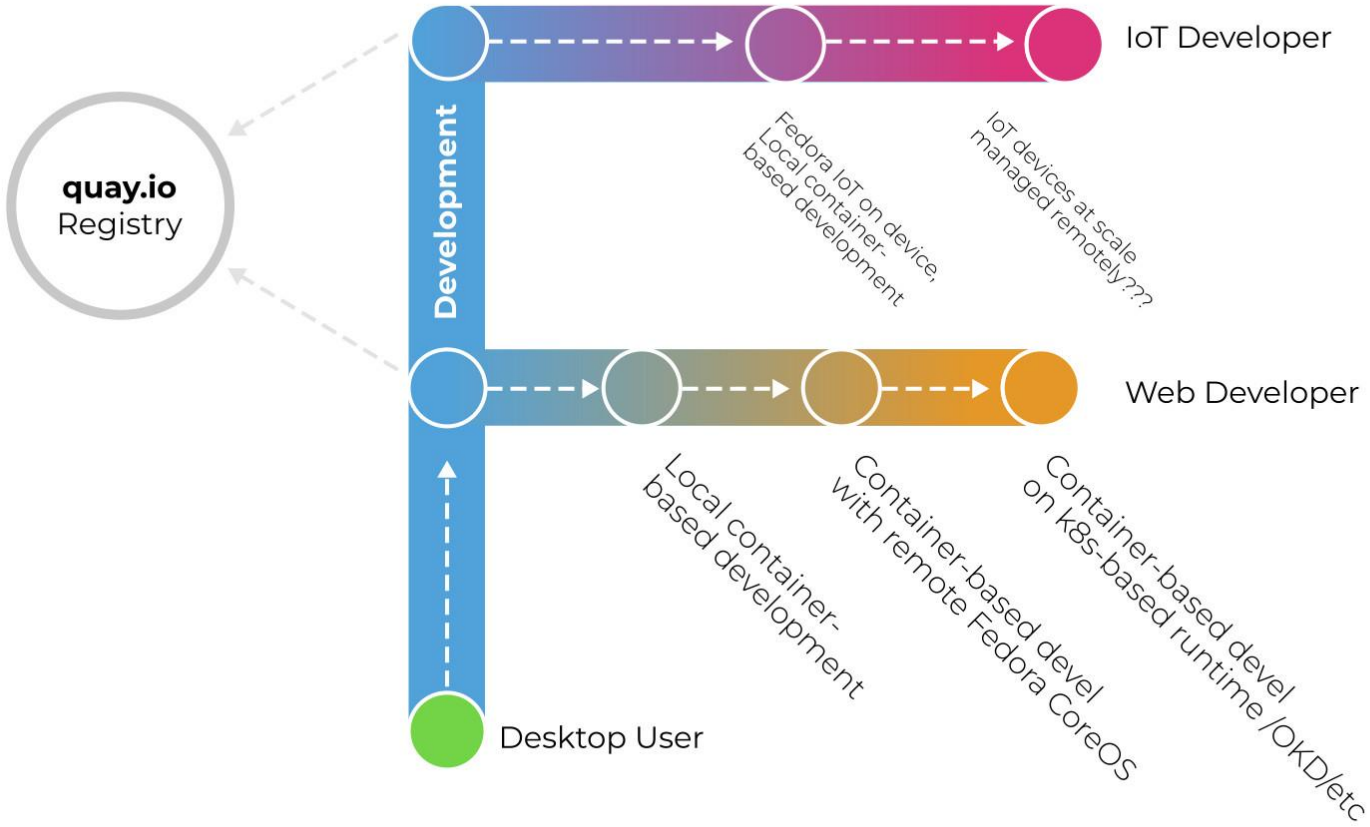
What is our story*?

* the big picture of what exactly Fedora is, and why and how would one want to use it.

Fedora Linux's Conceptual Model

(AKA our story for what we deliver)



Read more about this: **tinyurl.com/fedora-concept**

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Fedora's Community

(AKA our story for our community)

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Fedora is a **community**; Fedora Linux is our **OS**.

Read more about this: **tinyurl.com/fedora-naming**

*The Fedora Project envisions a world where everyone benefits from free and open source software built by **inclusive**, **welcoming**, and **open-minded** communities.*

Fedora's Vision Statement

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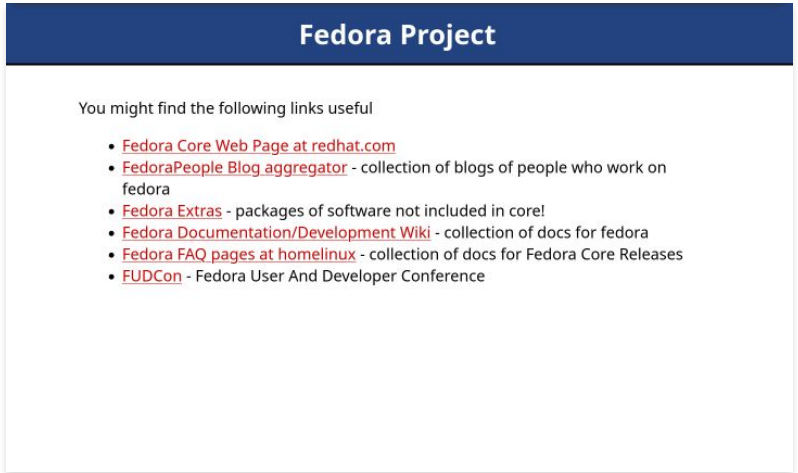
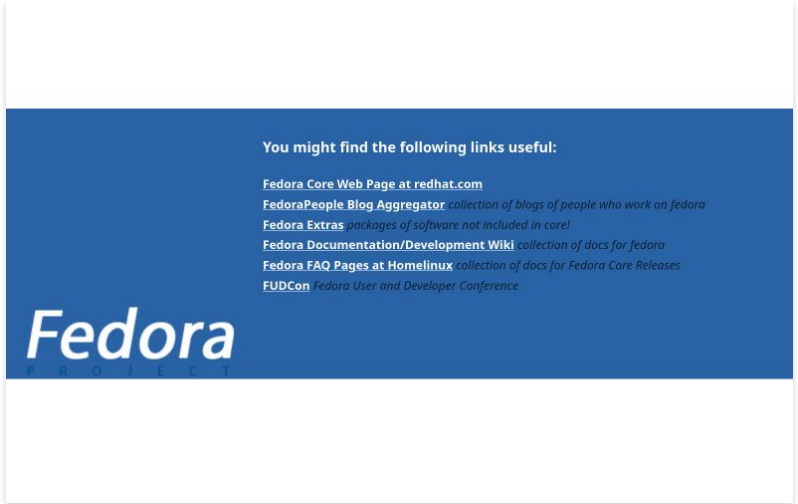
How do we tell our story?

Fedora's Website: A Timeline



December 2004



August 2005

Phase #1:

Link Dump

The Fedora Project was new, and the website was just a list of links. Not very exciting. Note the slightly-less ugly version of the link dump that went live in August 2005 uses the very first Fedora logo - a simple logotype based on Myriad Pro.

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December 2005

Phase #2:

Redirect to wiki

Back in the days when "Photograph" by Nickelback was in constant play on the radio...

We had Moinmoin set up - there was a CMS evaluation (which included Drupal) and Moinmoin was selected for being written in Python and being relatively simple. Performance became an issue, though...

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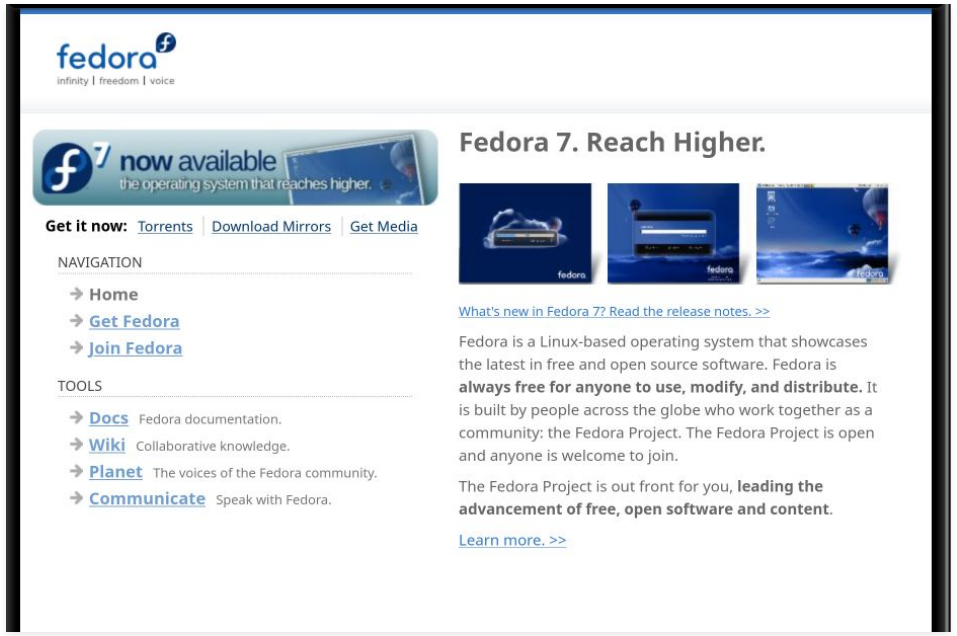
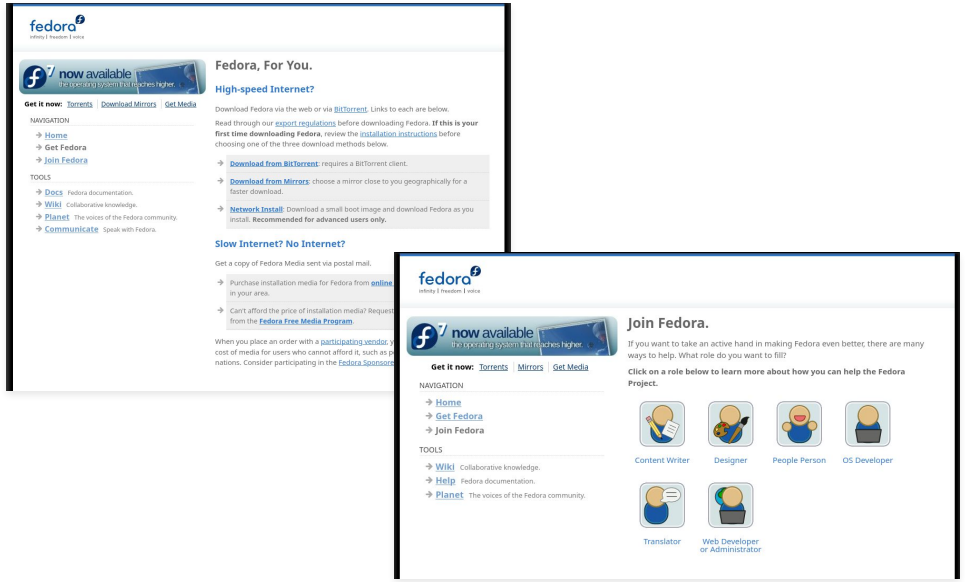




May 2007

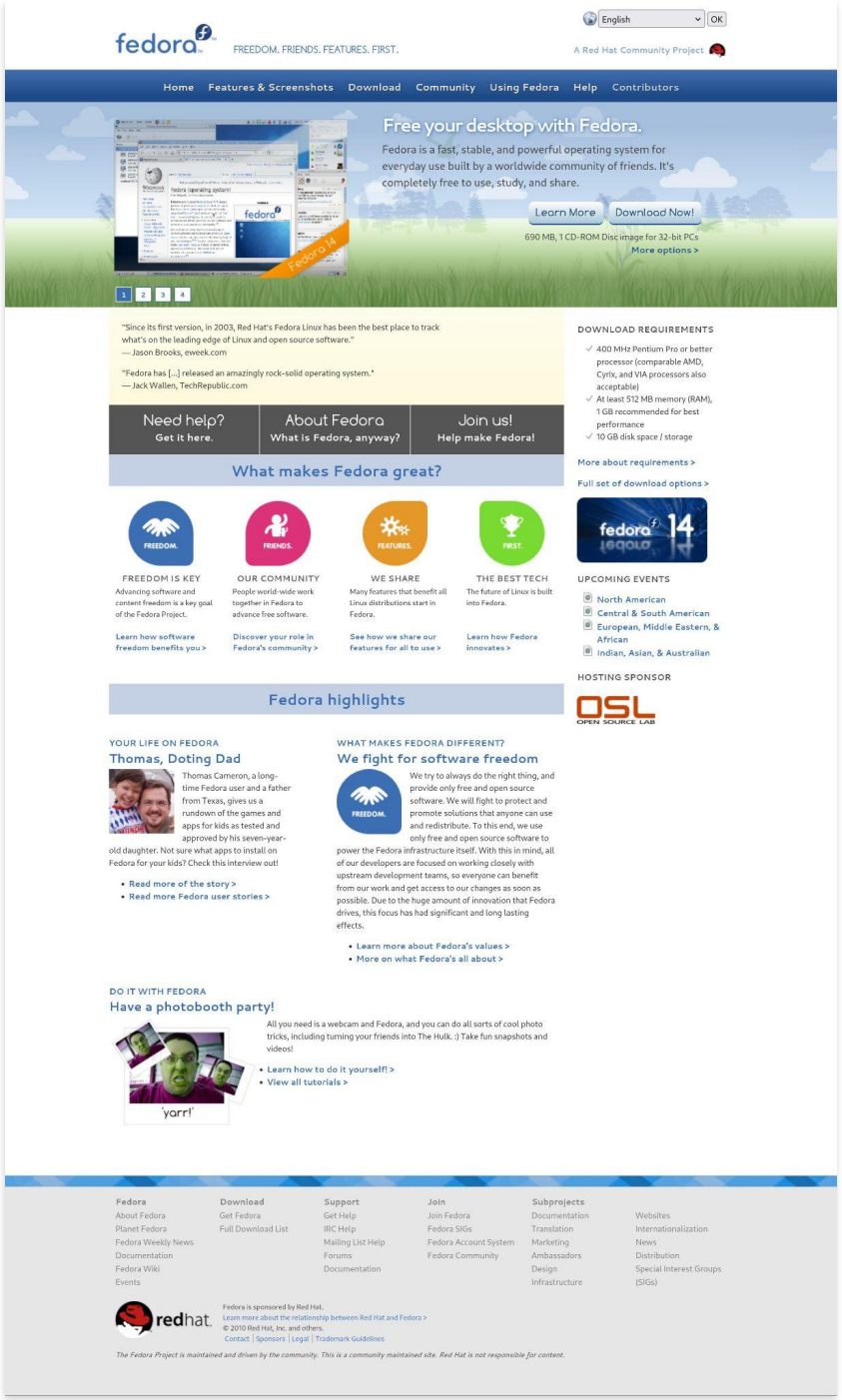
Phase #3:

First actual (3-4 page) site

Because the wiki's performance serving as the primary website for Fedora wasn't too great, we decided to have a static website (generated by Plone.) It was modest but it was ours!

April 24, 2007 post on Plone & static content on websites-list@fedoraproject.org

Notes from Fudcon Boston 2007 planning session for redesigning the website



October 2010

Phase #4:

First Serious Website

Using a Python-based system (using Jinja templates) we rolled out a major redesign of the website - the design and implementation process started in 2009 and took roughly a year. It had Fedora Magazine-like articles but before FM existed; it was not backed by a CMS, and the content grew stale over time.

Early mockups and site map plans for wwwfpo 2009 redesign

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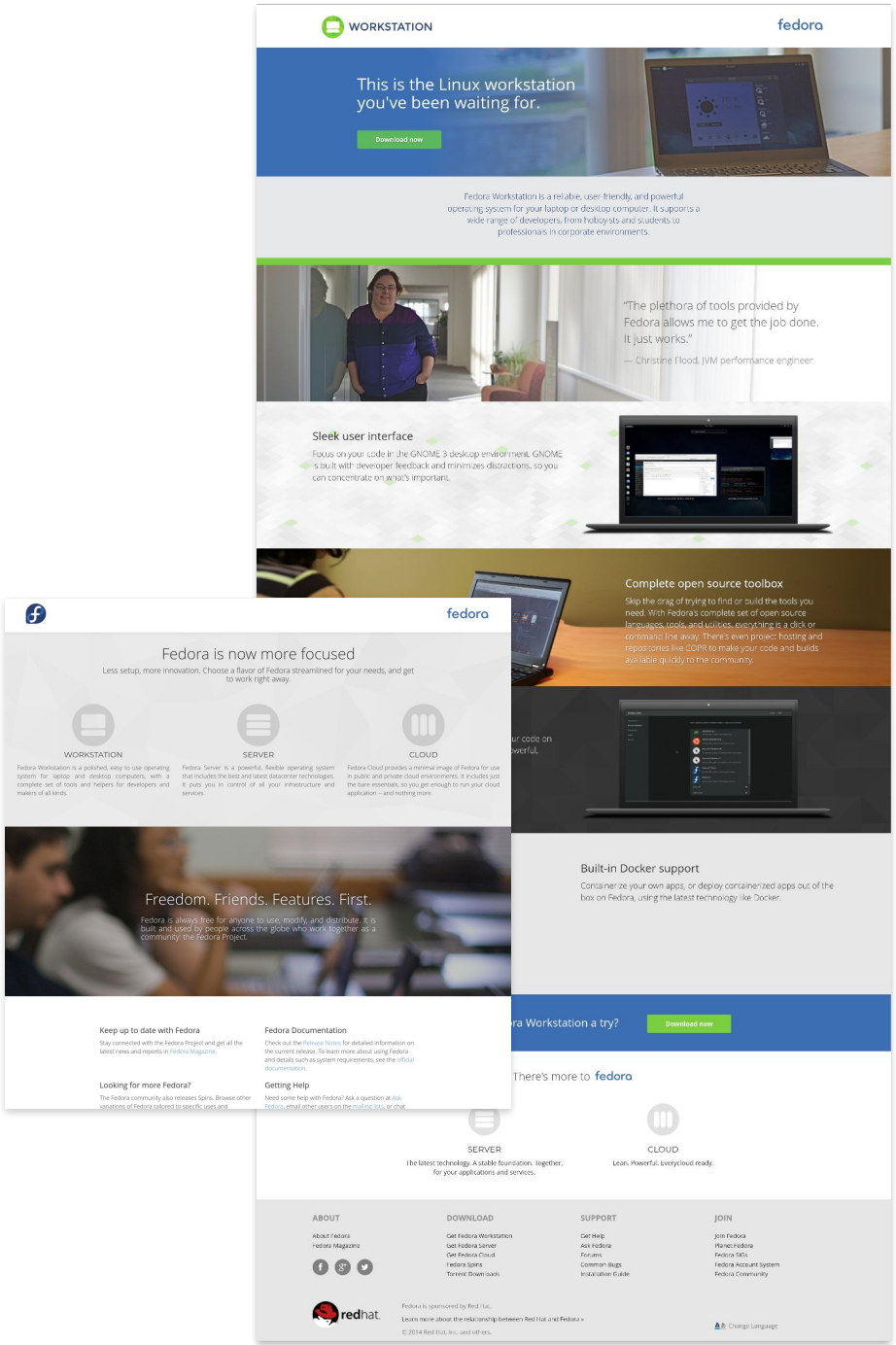

December 2015

Phase #5:

Edition-Centered Brochure Site (The Big Split)

We made Fedora website into a user-centric "brochure" site focused on the various Fedora editions in 2015. The idea was to host the user portion (the "front door") at getfedora.org and the contributor-centric portion (the "back door") at fedoraproject.org, backed by a custom collaboration platform we worked on called Fedora Hubs. (We later abandoned the Hubs project.)

Spins, Labs, Arm, and other sub-domain-based sites were created for non-Edition content.

[Website redesign 2015 proposal blog post]

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hubs

Search across hubs...

tatica 28

me 18 designteam ambassadors marketing LATAM planet announce fedoranext edit ...

fedora DESIGN TEAM

Welcome to Fedora's Design team!

We create graphics and UX designs for use by the Fedora community. We also advocoate the use of the FLOSS creative tools that are a part of Fedora.

COMMUNITY RULES:

1. Please post only openly-licensed designs. Learn more about licensing here.
2. Please provide SVG or XCF sources for your design submissions.
3. Please be courteous and polite. No personal attacks or rudeness.
4. Have fun! :)

For more detail, you can read the full **Community Rules & Guidelines.**

MEMBERS 46 SUBSCRIBERS 1,845 Subscribed

Search this hub...

COMMUNITY RULES:
Community Rules & Guidelines

GROUP OWNERS

tatica gnokii
mizmo ryanlerch

Learn more...

Fedora Design Github org

Tuesday at 14:10

mizmo

Hi folks! Ryan and I are looking at organizing the Fedora.next website redesign effort's infrastructure to make it easier for folks to follow the design process and to participate, because of course everyone is welcome to join in and we'd love your help :)

As part of this, I set up an organization on Github called the Fedora Design organization. The Fedora.next website 'team' under that org is called next-web. If you would like to join either or both, you are most certainly welcome. Just let me know your Github username and I am happy to add you.

My thought was we could set up a GlitterGallery instance and use Github to have a copy of the repo, but I'm not 100% sure if that makes sense. So we may not end up using the Github repo all that much, or we may end up using it in a different way depending on how our infrastructure experiements turn out. But just in case you saw the org on Github, I wanted to make it clear everyone here is more than welcome!

~m

15 comments 9 participants

Bryan Sutherland Yesterday, 21:54

Please add me (iambryan on github) as well :)
Cheers

Write your reply here...

Fedora 21 Sketch Idea

Monday at 22:15

tatica

Here is an idea I had for Fedora 21's wallpaper. What do you think?

#fedora-design (Freenode IRC)

WHO'S CHATTING?

... and 23 more

..:: Fedora Design ::.. | Have ideas for Fedora 21's wallpaper? Let us know. :)

gnokii
hi mizmo

mizmo
hey gnokii!

gnokii
we should find a date for starting with F21 designs

mizmo
gnokii, is it okay if i use your avatar in a mockup?
oh gosh yeh :(

gnokii
which avatar?

Say something...

Supplemental Wallpaper

CLOUD fedora

Fedora Cloud

Cloud Base Images

Fedora 36 Cloud Base Images

Fedora Cloud Base images are for creating general purpose virtual machines (VMs). You can use the Qcow 2 image for use with Openstack or the compressed raw image. If you are not sure what to use, try the raw image.

Cloud Base compressed raw image 195MB raw.xz image Download | Verify

Cloud Base image for Openstack 319MB qcow2 image Download | Verify

Fedora 36 Cloud Base Images for Vagrant

These images are Vagrant Boxes images for deployment using Vagrant. If you're using Vagrant on image is likely the image you'll want to use. If you're using Vagrant on Fedora, use the libvirt/KVM i

VirtualBox image 304MB vbox image

libvirt/KVM image 294MB libvirt image

fedora SPINS

Alternative desktops for Fedora

Fedora 36 released! Get it now.

KDE PLASMA DESKTOP

A complete, modern desktop built using the KDE Plasma Desktop.

fedora LABS

Functional bundles for Fedora

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Explore the Outer Space.

Powerful completely open-source and free tool for amateurs and professionals.

COMP NEURO

Explore the Brain.

A plethora of Free/Open source computational modelling tools for Neuroscience.

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Visual design, multimedia production, and publishing suite of free and open source creative tools.

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A collection and perfect show-case of the best games available in Fedora.

JAM

PYTHON CLASSROOM

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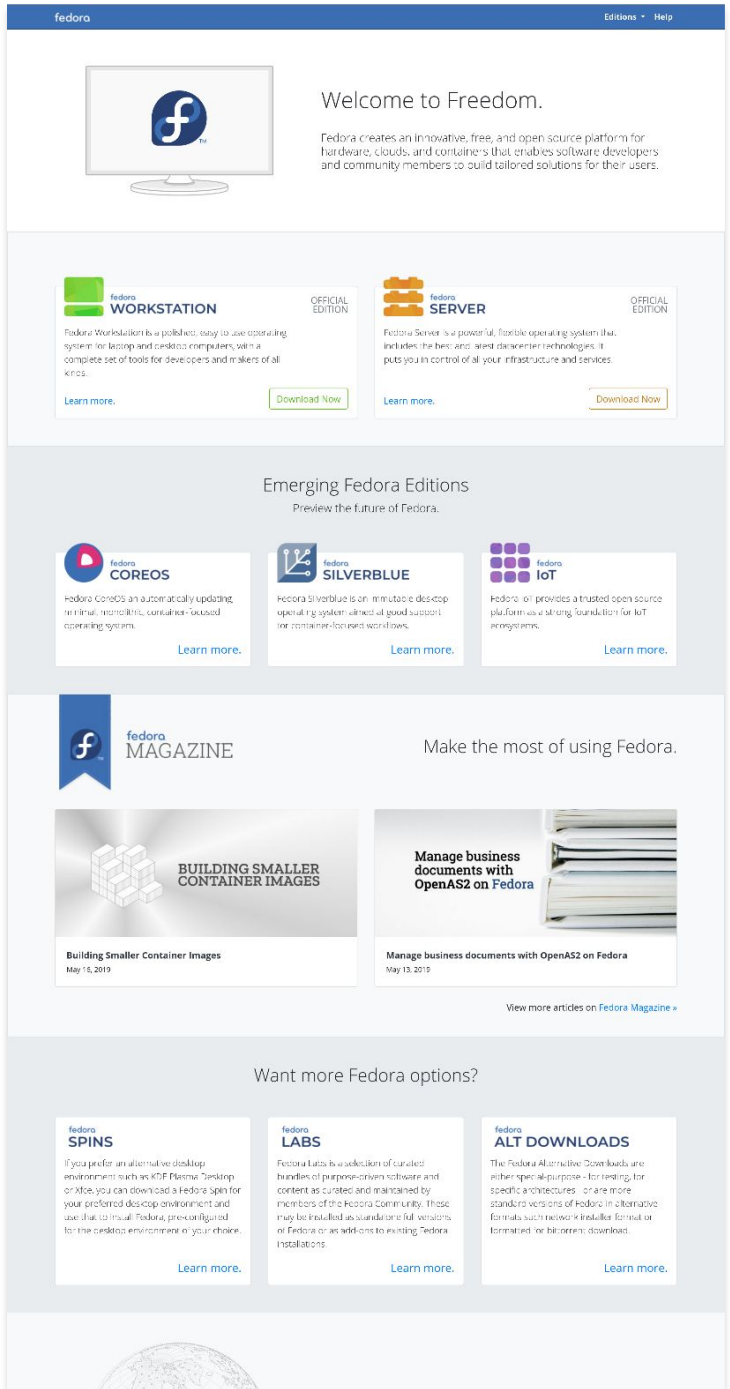

May
2019

Phase #6:

Today's Fedora Website

This was a revamp of the website implementation to use static site generation tools, and to make it easier to contribute to the website design and content. The top-page is less of a splash and more designed with integrated Fedora magazine content.

Many sub-domain sites exist still, and contributor content is focused elsewhere.

Redesign discussion

2020 Redesign Document

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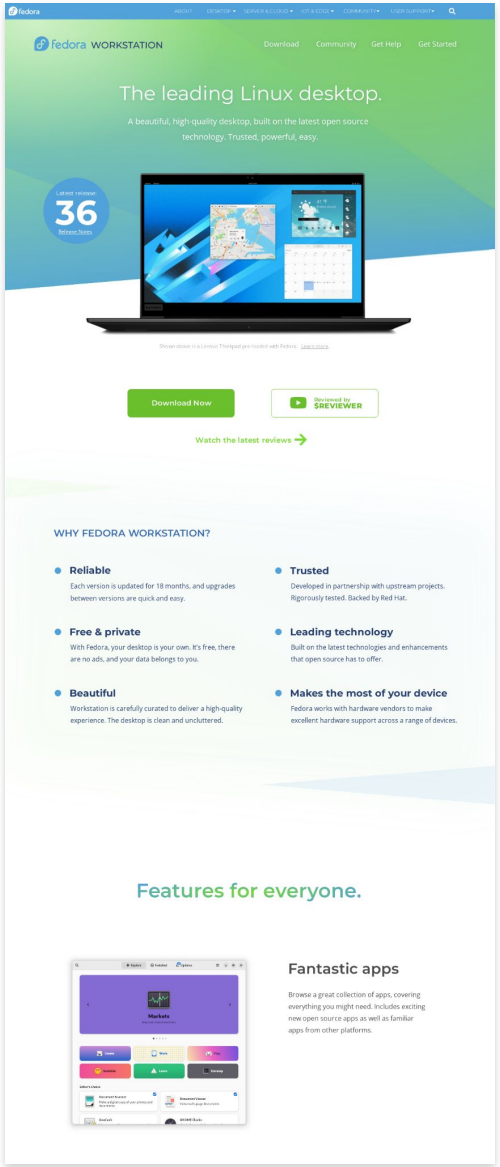
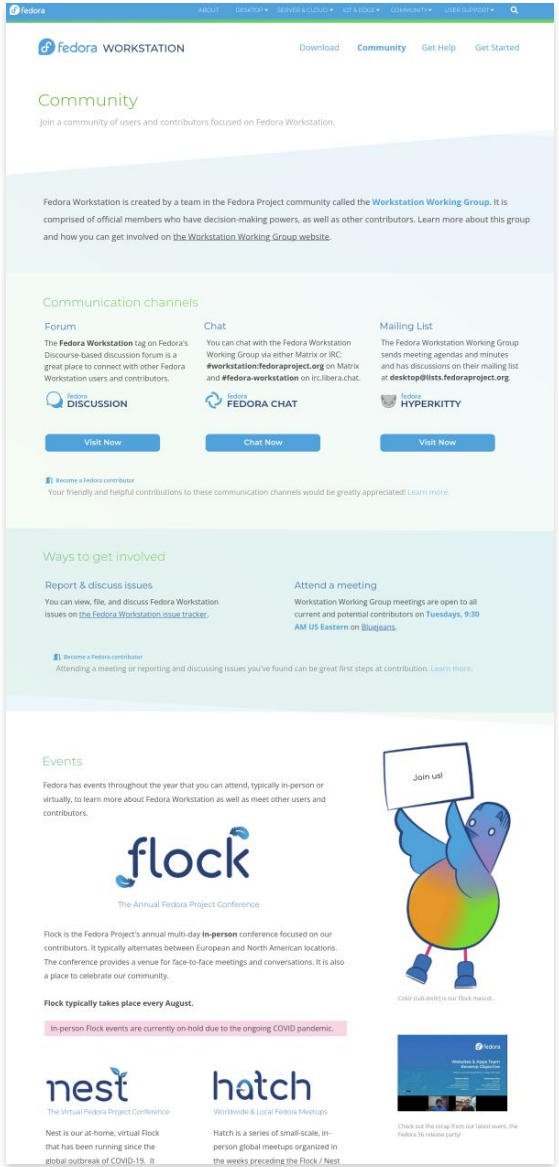
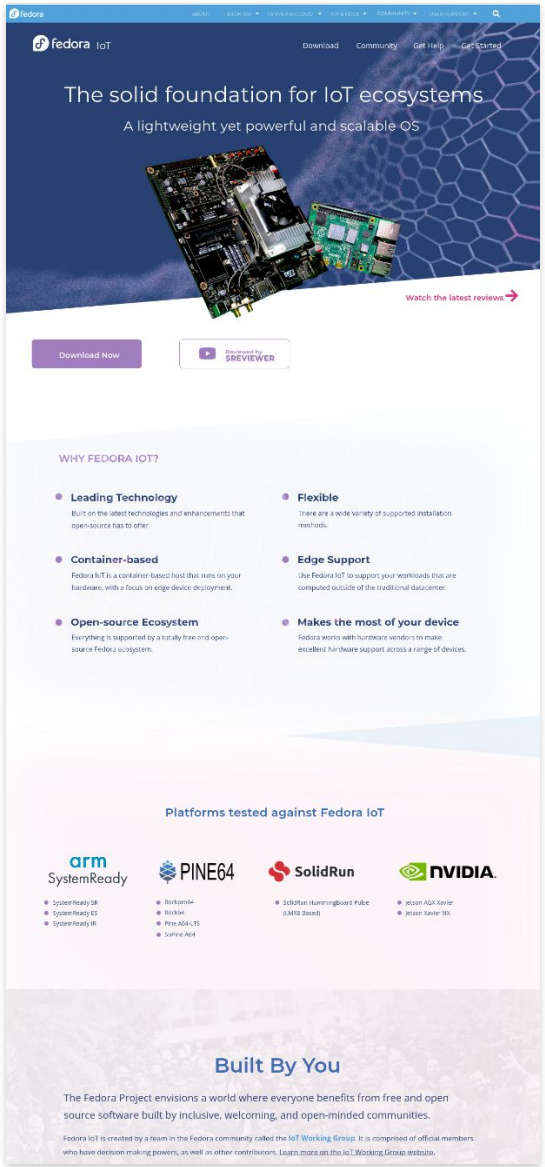
The Future

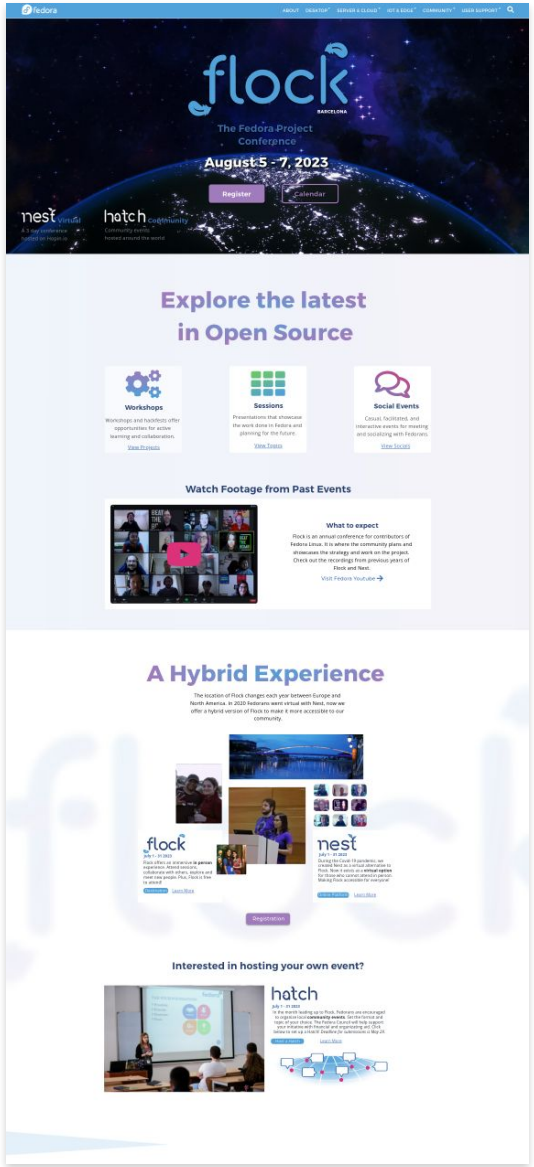
Phase #7:

Fedora Website 2022









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Themes

What have we learned about our website requirements up through now?

Performant & Secure

We had to switch platforms from a moinmoin wiki to other lighter-weight systems because of performance issues. Our website gets a lot of traffic. We need to perform well without requiring a lot of resources or posing security risks.

Managed Content

We've had content go completely stale (by years!) because editing and maintaining existing content and contributing new content was too high a bar, involving git and other code-oriented workflows without a user-friendly Content Management System.

Fun to contribute to

We want to build a healthy community team around our website and choose an approachable tech stack that makes it as easy as possible for web developers and designers to contribute to building and maintaining the website. It should be fun!

Flexible / Expandable

One of our major website redesigns was necessary because the older design wasn't flexible enough to allow for the change in Fedora offering multiple editions. The website needs to be built in a modular way where it can flex to changes in Fedora.

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The Big Fedora Linux Split

Fedora Editions

fedora — Editions · Help

Welcome to Freedom.

Fedora creates an innovative, free, and open source platform for hardware, clouds, and containers that enables software developers and community members to build tailored solutions for their users.

fedora WORKSTATION — OFFICIAL EDITION

Fedora Workstation is a polished, easy to use operating system for laptop and desktop computers, with a complete set of tools for developers and makers of all kinds.

Learn more. Download Now

fedora SERVER — OFFICIAL EDITION

Fedora Server is a powerful, flexible operating system that includes the best and latest datacenter technologies. It puts you in control of all your infrastructure and services.

Learn more. Download Now

Emerging Fedora Editions

Preview the future of Fedora.

fedora COREOS

Fedora CoreOS an automatically updating, minimal, monolithic, container-focused operating system.

Learn more.

fedora SILVERBLUE

Fedora Silverblue is an immutable desktop operating system aimed at good support for container-focused workflows.

Learn more.

fedora IoT

Fedora IoT provides a trusted open source platform as a strong foundation for IoT ecosystems.

Learn more.

fedora MAGAZINE

Make the most of using Fedora.

BUILDING SMALLER CONTAINER IMAGES

Manage business documents with OpenAS2 on Fedora

All other Fedora Linux

CLOUD — fedora

Fedora Cloud

Cloud Base Images

Fedora 36 Cloud Base Images

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JAM

PYTHON CLASSROOM

fedora ALT DOWNLOADS

Alternative Downloads

These Fedora downloads are either special-purpose - for testing, for specific architectures - or are more standard versions of Fedora in alternative formats such network installer format or formatted for torrent download.

This page is meant to serve as a single central resource for locating alternative versions of Fedora.

Fedora 36 released! Get it now.

Network Installer

These are smaller images you can use to install Fedora over the network.

Fedora Server — Download | Verify

Torrent Downloads

Fedora offers many torrent down loads. Access our directory of torrents to be.

torrent.fedoraproject.org

Alternate Architectures

These are additional architectures supported by Fedora beyond the standard set.

Download

(cc) BY-SA

The Big Community Split

Users

A Fedora 'Brochure' Site

Fedora Users
(new & existing)

Brochure Site
www.getfedora.org

INSPIRATION:
getfirefox.org
google.com/chrome
android.com

A Fedora User Support Site

Fedora Users
(new & existing)

Support Site
www.getfedora.org/help
help.getfedora.org

INSPIRATION:
stackoverflow.com
getsatisfaction

Contributors

The Fedora 'Commnunity Hub'

Contributors
(part-time, newer)

Contributors
(full-time, old-timers)

Community Hub (main)
hub.fedoraproject.org

logged in

logged out

INSPIRATION:
reddit
boingboing
slashdot
deviantart
facebook
g+
twitter

Sub-hub-hubs and a bottle of rum!

Contributors
(part-time, newer)

Contributors
(full-time, old-timers)

Fedora Sub-community Hubs

Some examples below. Could be loaded into nav bar based on logged in user's FAS group memberships. Similar to Reddit subreddits model.

Ambassadors Hub
hub.fedoraproject.org/f/ambassadors

Development Hub
hub.fedoraproject.org/f/devel

Design Hub
hub.fedoraproject.org/f/design

Marketing Hub
hub.fedoraproject.org/f/development

Time to **get "the bands" back together again**, unified by a focus on our conceptual model.

fedora

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How are we building it?

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Our new platform

Vue.js

A modern and accessible Javascript framework for building frontend components.

Vite.js

A next-gen build tool.

Nuxt.js

A rendering framework built on vue that will enable us to build our sites statically.

Netlify CMS

A headless CMS that provides a simple UI for adding & editing content with a git-based workflow.

Tailwind CSS

A utility class CSS framework.

Intern **Ashlyn Knox** evaluated multiple platforms including Vue.js, React, and Fast API in different configurations and the Websites & Apps team has collaborated together on and rallied around this platform.

https://gitlab.com/fedora/websites-apps/fedora-websites/fedora-websites-3.0

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Current Status Part 1

Create design mockups

Once we are done with multiple rounds of feedbacks from the community, we establish a final set of mockups that need to be implemented.

In progress

Develop on the code

With the decided set of mockups, we convert them into interactive proof-of-concepts by building the relevant frontend and backend elements.

In progress

Add/Edit/Finalize Content

As the initial website platform & CMS become ready for use, we'll start entering in the content for all the website sections and prepare it for translation.

Starting soon

(cc) BY-SA

Current Status Part 2

Set up staging & gather feedback

Set up a staging deployment to test waters in the community on the work done so far with the new builds. Solicit community feedback and iterate based on the findings.

Facilitate on the finale

With the included set of improvements, we keep updating the staging and soon enough, production environment from time to time.

Documentation

As progress is made, each step gets documented to pave the way for new contributors to join in the effort and for facilitate maintenance into the future.

In progress

(cc) BY-SA

Where do we start?

We start small and build up to more complex targets.

Flock To Fedora

The website is about **Flock, Nest, Hatch and other such events**. As the work on it is in progress and scope of the project is (comparatively) smaller - it can be a great starting point.

Start

This website is a **landing page for Fedora's default selected browser** where it aggregates news articles from Fedora Magazine and shows useful links. The smaller scope can be welcoming for starters.

(cc) BY-SA

Get Involved

Matrix Chat

#websites:fedoraproject.org
on chat.fedoraproject.org

Meetings

Every Tuesday at 1500 UTC

Jitsi meeting link:
https://meet.jit.si/fedora-websites-apps-meeting

New Contributor Training Opportunities

We have two types of new contributor training planned:

- **Creating components for Fedora's website using Vue.js:** A video-based training that will walk you through how to create a component step-by-step and get you on a good start to contributing to frontend!
- **Hackfest & video training for content entry:** Help us add and edit content to the websites - this training will guide you on how to use netlify CMS to submit content to the website!

The code

gitlab.com/fedora/websites-apps/fedora-websites/fedora-websites-3.0

Our documentation

docs.fedoraproject.org/en-US/websites

(cc) BY-SA

Scan the QR code to view our documentation

https://docs.fedoraproject.org/en-US/websites/

(cc) BY-SA

Scan the QR code to join our channel

https://chat.fedoraproject.org/#/room/#websites:fedoraproject.org