Massimiliano Pippi

Vintage Web Programming with Python

Evonove - info@evonove.it

Back in my day

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BACK IN MY DAY

WE HAD FRONTPAGE EXPRESS AND GEOCITIES

quickmeme.com

{codemotion}

Cool before it was vintage

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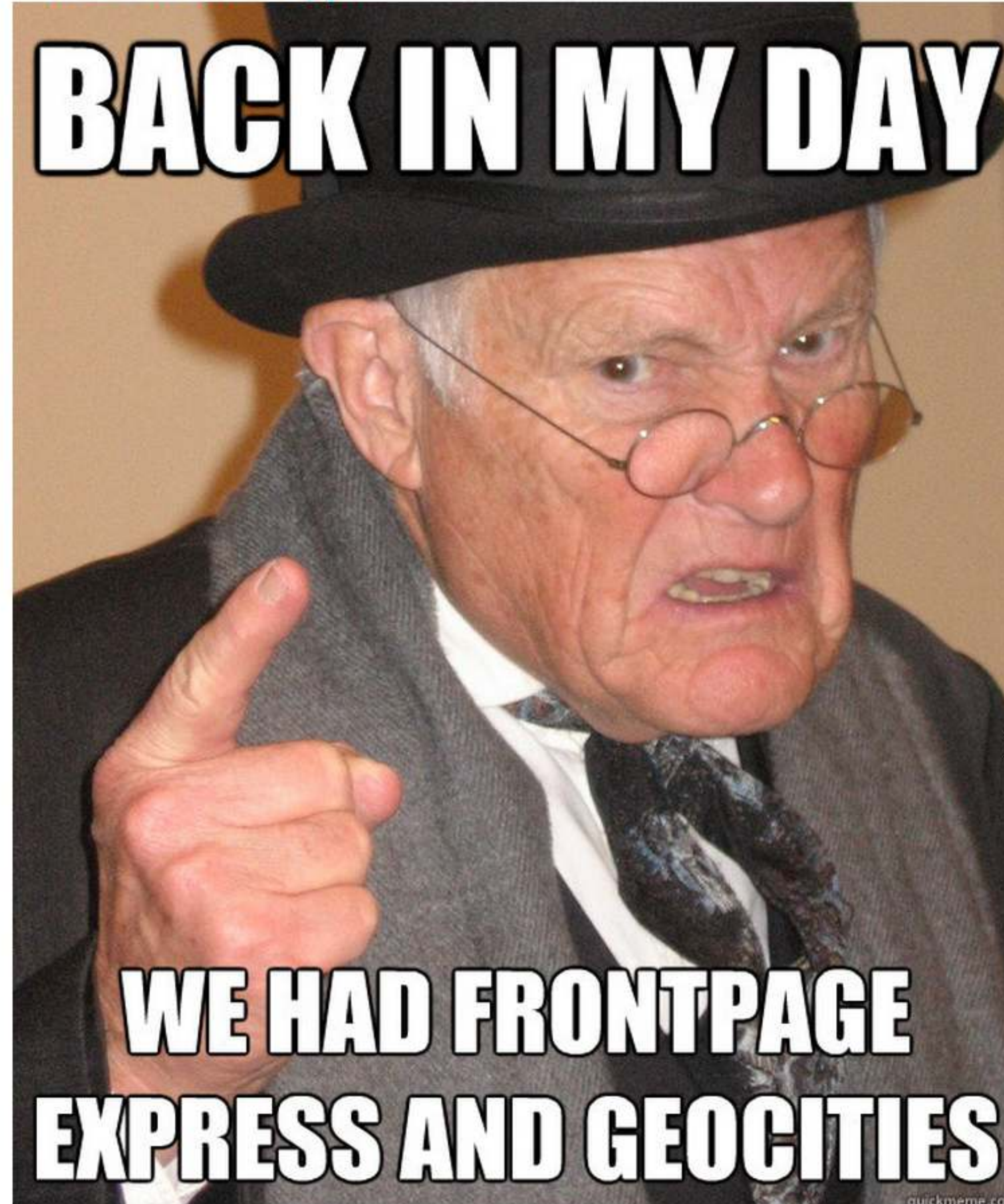
An index.html from late 90s

My Site is better than yours

Welcome to My Website

Home	
Hobby	• No CSS
Links	
	• Table Layout
	• Animated Gifs

COOL

HITS TODAY
14836

NETSCAPE Now! 3.0

Back to the future: dynamic pages FTW

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Dynamic Rush

- cgi-bin

- LAMP

- ASP > .NET Framework

- Python world (Django, TurboGears &Co.)

- RoR

CMS for the rest of us

- Wordpress, Drupal &Co.

- Custom & Proprietary solutions

Are we all Happy?

A real story: evonove.it

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Requirements

- Company website

- few CMS requirements

- blogging features

Implementation

- Django

- Wordpress

- jQuery + few plugins

Seems legit.

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Performance

- 90/100 @pingdom, 550+ Kb in 2.8s

Worth it?

- 55+ Mb ram

- 100+ Mb hd

- Postgres database instance

- wsgi environment

Does it scale?

- Nope.

Alternatives?

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Inspiration

- Hackers at conferences have their own, static html sites

- Often have Git as backend for html contents

- Manually update sites

Pros

- Cool idea coming from cool people

Cons

- Don't want to manually handle my company's website

Alternatives?

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Another inspiration

- GitHub launches "Pages"

- Git as backend for reStructuredText or MarkDown

- You manually update contents, they dynamically generate pages

Pros

- Cool idea coming from cool people

- Jekyll (the static page generator) keeps things straight and makes sense

Cons

- No custom graphic themes

- Jekyll is written in Ruby

And now for something completely different

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Discovering the wheel

- google.com/search?python+static+site+generator

- Dozen of python softwares to accomplish the task

- They've been there for years

Mission: delivery lovely HTML5+CSS3 goodies through html static files generated with some sort of smart tool starting from raw contents under revision control.

Special object: Acrylamid, a static site generator written and extensible in Python which speaks reStructured and Jinja2.

Let's go for a DEMO

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PROS

- damn fast: 98/100 @pingdom, 1.2s 560+ Kb

- damn faster with spdy

- deploy everywhere

- client-side search index

A real story: evonove.it

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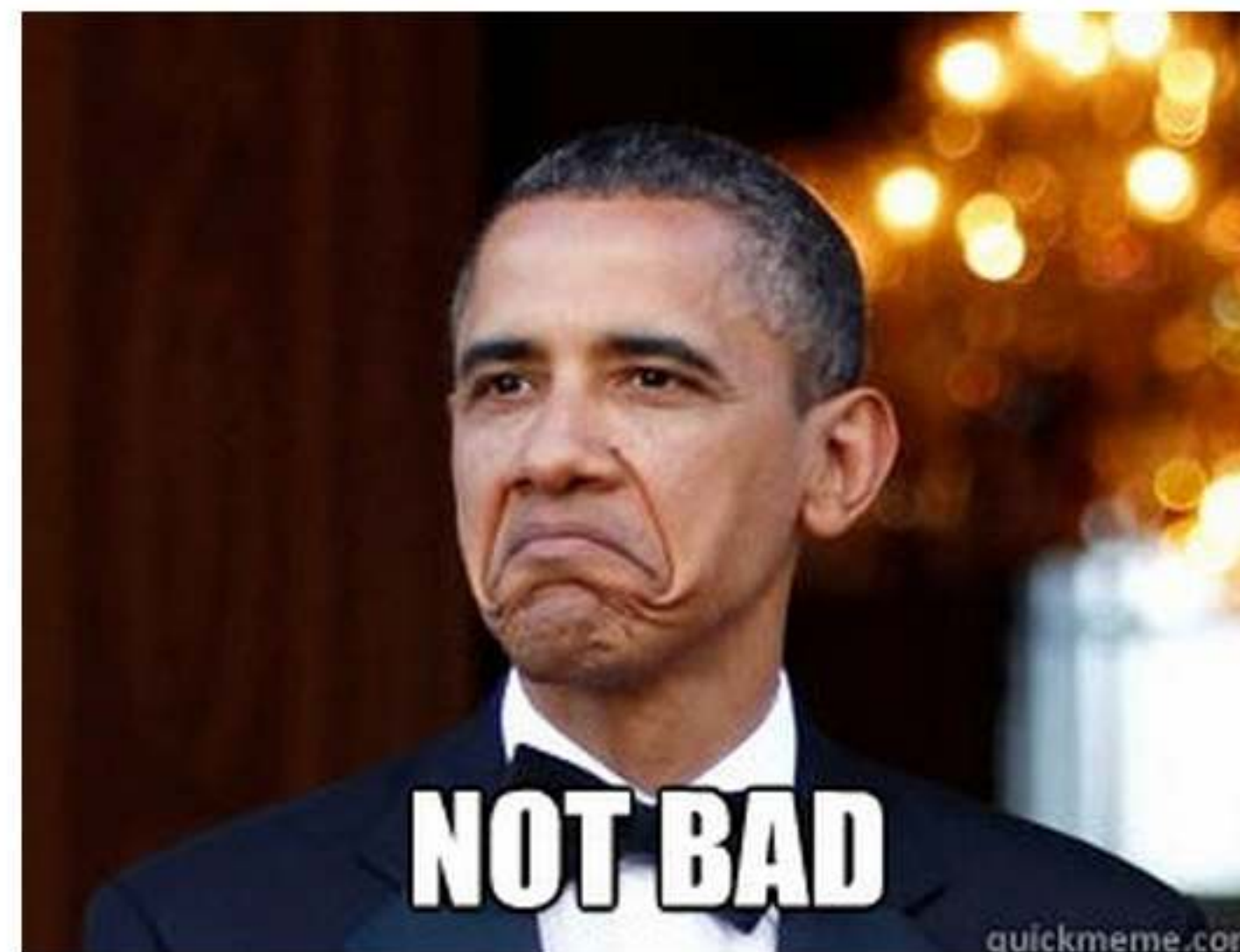
CONS

- no comments to blog posts (**FIX**: disqus)

- no contact forms (**FIX**: don't use them, it's so 2002)

- no backoffice

Thanks for all the fish

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