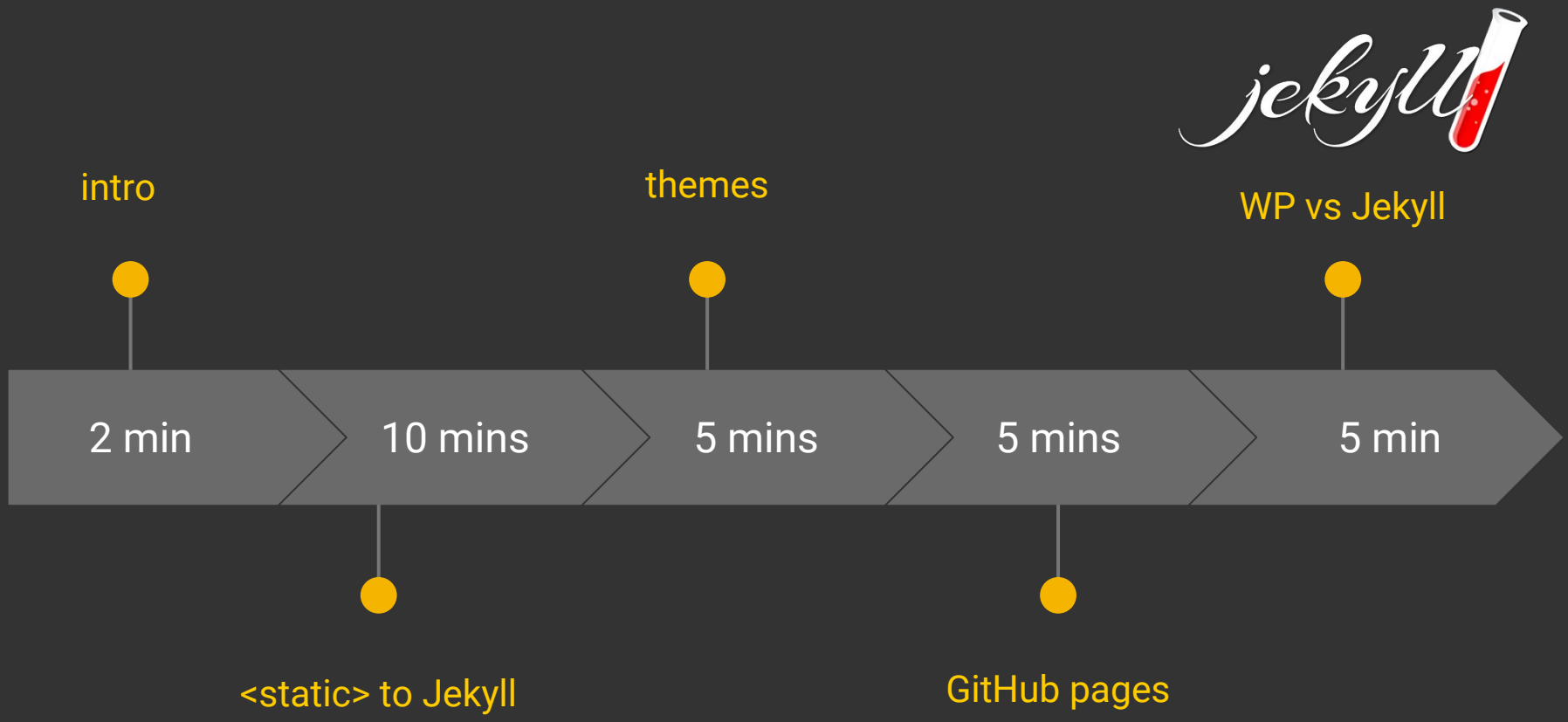
the WP killer

Who is this guy !?

Nikola Derežić

- full stack web developer
  - Asp.Net & JavaScript
- work at NGIT
  - betting industry sw
- passionate about
  - React
  - WebVR (wish I had more time)
  - funny cat videos


jekyll
intro
themes
WP vs Jekyll
2 min
10 mins
5 mins
5 mins
5 min
<static> to Jekyll
GitHub pages

Motivation:
Why I switched from WP to Jekyll

The BAD

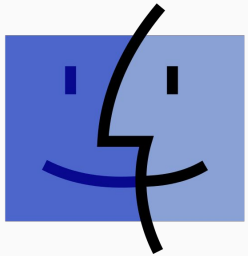
- complicated setup (Apache+PHP+SQL)
- not easy to customize (themes)
- no built-in backup (plugin needed)
- needs care & attention (support)

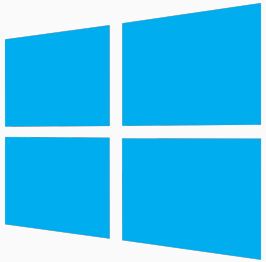
The UGLY

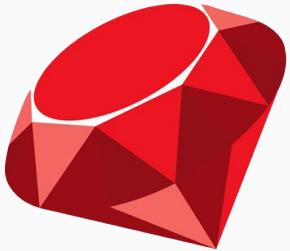
- vulnerable to hacker attacks
- updates will break things (eventually)

jekyll

Setting it up







From <static> to Jekyll

Jekyll themes

Jekyll themes

- Source-based (GitHub, BitBucket)
- GEM-based (rubygems.org)

GitHub pages

A few more things ...

Blog importers

Behance	Blogger	CSV	Drupal 6
Drupal 7	EasyBlog	Enki	Ghost
Google Reader	Joomla	Joomla 3	Jrnl
Marley	Mephisto	Movable Type	Posterous
RSS	S9Y	S9Y Database	Textpattern
Third-party	Tumblr	Typo	WordPress
WordPress.com			

Plugins

- ArchiveGenerator by Ilkka Laukkanen: Uses this archive page to generate archives.
- LESS.js Generator by Andy Fowler: Renders LESS.js files during generation.
- Version Reporter by Blake Smith: Creates a version.html file containing the Jekyll version.
- Sitemap.xml Generator by Michael Levin: Generates a sitemap.xml file by traversing all of the available posts and pages.
- Full-text search by Pascal Widdershoven: Adds full-text search to your Jekyll site with a plugin and a bit of JavaScript.
- AliasGenerator by Thomas Mango: Generates redirect pages for posts when an alias is specified in the YAML Front Matter.
- Pageless Redirect Generator by Nick Quinlan: Generates redirects based on files in the Jekyll root, with support for htaccess style redirects.
- RssGenerator by Assaf Gelber: Automatically creates an RSS 2.0 feed from your posts.
- Monthly archive generator by Shigeya Suzuki: Generator and template which renders monthly archive like MovableType style, based on the work by Ilkka Laukkanen and others above.
- Category archive generator by Shigeya Suzuki: Generator and template which renders category archive like MovableType style, based on Monthly archive generator.
- Emoji for Jekyll: Seamlessly enable emoji for all posts and pages.
- Compass integration for Jekyll: Easily integrate Compass and Sass with your Jekyll website.
- Pages Directory by Ben Baker-Smith: Defines a `_pages` directory for page files which routes its output relative to the project root.
- Page Collections by Jeff Kolesky: Generates collections of pages with functionality that resembles posts.
- Windows 8.1 Live Tile Generation by Matt Sheehan: Generates Internet Explorer 11 config.xml file and Tile Templates for pinning your site to Windows 8.1.
- Typescript Generator by Matt Sheehan: Generate Javascript on build from your Typescript.
- Jekyll::AutolinkEmail by Ivan Tse: Autolink your emails.
- Jekyll::GitMetadata by Ivan Tse: Expose Git metadata for your templates.
- Jekyll Http Basic Auth Plugin: Plugin to manage http basic auth for jekyll generated pages and directories.
- Jekyll Auto Image by Merlos: Gets the first image of a post. Useful to list your posts with images or to add twitter cards to your site.
- Jekyll Portfolio Generator by Shannon Babincsak: Generates project pages and computes related projects out of project data files.
- Jekyll-Umlauts by Arne Gockeln: This generator replaces all german umlauts (äöüß) case sensitive with html.
- Jekyll Flickr Plugin by Lawrence Murray: Generates posts for photos uploaded to a Flickr photostream.
- Jekyll::Paginate::Category: Pagination Generator for Jekyll Category.
- AMP-Jekyll by Juuso Mikkonen: Generate Accelerated Mobile Pages of Jekyll posts.
- Jekyll Art Gallery plugin: An advanced art/photo gallery generation plugin for creating galleries from a set of image folders. Supports image tagging, thumbnails, sorting, image rotation, post-processing (remove EXIF, add watermark), multiple collections and much more.

Converters

- Pug plugin by Doug Beney: Pug (previously Jade) converter for Jekyll.
- Textile converter: Convert `.textile` files into HTML. Also includes the `textilize` Liquid filter.
- Slim plugin: Slim converter and includes for Jekyll with support for Liquid tags.
- HAML plugin by Sam Z: HAML converter for Jekyll.
- HAML-Sass Converter by Adam Pearson: Simple HAML-Sass converter for Jekyll. Fork by Sam X.
- Sass SCSS Converter by Mark Wolfe: Sass converter which uses the new CSS compatible syntax, based Sam X's fork above.
- LESS Converter by Jason Graham: Convert LESS files to CSS.
- LESS Converter by Josh Brown: Simple LESS converter.
- Upcase Converter by Blake Smith: An example Jekyll converter.
- CoffeeScript Converter by phaer: A CoffeeScript to Javascript converter.
- Markdown References by Olov Lassus: Keep all your markdown reference-style link definitions in one _references.md file.
- Stylus Converter: Convert .styl to .css.
- ReStructuredText Converter: Converts ReST documents to HTML with Pygments syntax highlighting.
- Jekyll-pandoc-multiple-formats by edsl: Use pandoc to generate your site in multiple formats. Supports pandoc's markdown extensions.
- Transform Layouts: Allows HAML layouts (you need a HAML Converter plugin for this to work).
- Org-mode Converter: Org-mode converter for Jekyll.
- Customized Kramdown Converter: Enable Pygments syntax highlighting for Kramdown-parsed fenced code blocks.
- Bigfootnotes Plugin: Enables big footnotes for Kramdown.
- AsciiDoc Plugin: AsciiDoc convertor for Jekyll using Asciidoctor.
- Lazy Tweet Embedding: Automatically convert tweet urls into twitter cards.
- jekyll-commonmark: Markdown converter that uses libcmark, the reference parser for CommonMark.

Filters

- Truncate HTML by Matt Hall: A Jekyll filter that truncates HTML while preserving markup structure.
- Domain Name Filter by Lawrence Woodman: Filters the input text so that just the domain name is left.
- Summarize Filter by Mathieu Arnold: Remove markup after a `<div id="extended">` tag.
- i18n_filter: Liquid filter to use i18n localization.
- Smilify by SaswatPadhi: Convert text emoticons in your content to themeable smiley pics.
- Read in X Minutes by zachleat: Estimates the reading time of a string (for blog post content).
- Jekyll-timeago: Converts a time value to the time ago in words.
- pluralize: Easily combine a number and a word into a grammatically-correct amount like "1 minute" or "2 minutes".
- reading_time: Count words and estimate reading time for a piece of text, ignoring HTML elements that are unlikely to contain running text.
- Table of Content Generator: Generate the HTML code containing a table of content (TOC), the TOC can be customized in many way, for example you can decide which pages can be without TOC.
- reading_time: Count words and estimate reading time for a piece of text, ignoring HTML elements that are unlikely to contain running text.
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- jekyll-toc: A liquid filter plugin for Jekyll which generates a table of contents.
- jekyll-humanize: This is a port of the Django app humanize which adds a "human touch" to data. Each method represents a Fluid type filter that can be used in your Jekyll site templates. Given that Jekyll produces static sites, some of the original methods do not make logical sense to port (e.g. naturaltime).
- Jekyll-Ordinal: Jekyll liquid filter to output a date ordinal such as "st", "nd", "rd", or "th".
- Deprecated articles keeper by Kazuya Kobayashi: A simple Jekyll filter which monitor how old an article is.
- Jekyll-jalali by Mehdi Sadeghi: A simple Gregorian to Jalali date converter filter.
- Jekyll Thumbnail Filter: Related posts thumbnail filter.
- Jekyll-Smartify: SmartyPants filter. Make "quotes" "curly"
- Liquid MD5: R... MD5 ... for ... Gravatars in templ...
- Jekyll-... liquid ... Jekyll that converts numbers into ... numerals.
- jekyll-typogr... Jekyll plugin that brings the functions of typogruby.
- Jekyll Email Protect: Email protection liquid filter for Jekyll
- Jekyll Uglify Filter: A Liquid filter that runs your JavaScript through UglifyJS.
- match_regex: A Liquid filter to perform regex match.
- replace_regex: A Liquid filter to perform regex replace.
- Jekyll Money: A Jekyll plugin for dealing with money. Because we all have to at some point.

Tags

You can find a few useful plugins at the following locations:

- Jekyll-gist: Use the `gist` tag to easily embed a GitHub Gist onto your site. This works with public or secret gists.
- Asset Path Tag by Sam Rayner: Allows organisation of assets into subdirectories by outputting a path for a given file relative to the current post or page.
- Delicious Plugin by Christian Hellsten: Fetches and renders bookmarks from delicious.com.
- Ultraviolet Plugin by Steve Alex: Jekyll tag for the Ultraviolet code highlighter.
- Tag Cloud Plugin by Ilkka Laukkanen: Generate a tag cloud that links to tag pages.
- GIT Tag by Alexandre Girard: Add Git activity inside a list.
- MathJax Liquid Tags by Jessy Cowan-Sharp: Simple liquid tags for Jekyll that convert inline math and block equations to the appropriate MathJax script tags.
- Non-JS Gist Tag by Brandon Tilley: A Liquid tag that embeds Gists and shows code for non-JavaScript enabled browsers and readers.
- Render Time Tag by Blake Smith: Displays the time a Jekyll page was generated.
- Status.net/OStatus Tag by phaer: Displays the notices in a given status.net/ostatus feed.
- Embed.ly client by Robert Böhnke: Autogenerate embeds from URLs using oEmbed.
- Logarithmic Tag Cloud: Flexible. Logarithmic distribution. Documentation inline.
- Status.net/OStatus Tag by phaer: Displays the notices in a given status.net/ostatus feed.
- Embed.ly client by Robert Böhnke: Autogenerate embeds from URLs using oEmbed.
- Logarithmic Tag Cloud: Flexible. Logarithmic distribution. Documentation inline.
- oEmbed Tag by Tammo van Lessen: Enables easy content embedding (e.g. from YouTube, Flickr, Slideshare) via oEmbed.
- FlickrSetTag by Thomas Mango: Generates image ga... sets.
- Tweet Tag by Scott W. Bradley: Liquid tag fo... bedded Tweets using Twitter's shortcodes.
- Jekyll Twitter Plugin: A Liquid tag plugin that renders Tweets from Twitter API. Currently supports the oEmbed API.
- Jekyll-contentblocks: Lets you use Rails-like content_for tags in your templates, for passing content from your posts up to your layouts.
- Generate YouTube Embed by joelverhagen: Jekyll plugin which allows you to embed a YouTube video in your page with the YouTube ID. Optionally specify width and height dimensions. Like "oEmbed Tag" but just for YouTube.
- Jekyll-beastiepress: FreeBSD utility tags for Jekyll sites.
- Jsonball: Reads json files and produces maps for use in Jekyll files.
- Bibjekyll: Render BibTeX-formatted bibliographies/citations included in posts and pages using bibtex2html.
- Jekyll-citation: Render BibTeX-formatted bibliographies/citations included in posts and pages (pure Ruby).
- Jekyll Dribbble Set Tag: Builds Dribbble image galleries from any user.
- Debbugs: Allows posting links to Debian BTS easily.
- Jekyll-devonly_tag: A block tag for including markup only during development.
- JekyllGalleryTag by redwallhp: Generates thumbnails from a directory of images and displays them in a grid.
- Youku and Tudou Embed: Liquid plugin for embedding Youku and Tudou videos.
- Jekyll-swfobject: Liquid plugin for embedding Adobe Flash files (.swf) using SWFObject.
- Jekyll Picture Tag: Easy responsive images for Jekyll. Based on the proposed `<picture>` element, polyfilled with Scott Jehl's Picturefill.
- Jekyll Image Tag: Better images for Jekyll. Save image presets, generate resized images, and add classes, alt text, and other attributes.
- Jekyll Responsive Image: Responsive images for Jekyll. Automatically resizes images, supports all responsive methods (`<picture>`, `srcset`, Imager.js, etc), super-flexible configuration.
- Ditaa Tag by matze: Renders ASCII diagram art into PNG images and inserts a figure tag.
- Jekyll Suggested Tweet by David Ensinger: A Liquid tag for Jekyll that allows for the embedding of suggested tweets via Twitter's Web Intents API.
- Jekyll Date Chart by GSI: Block that renders date line charts based on textile-formatted tables.
- Jekyll Image Encode by GSI: Tag that renders base64 codes of images fetched from the web.
- Jekyll Quick Man by GSI: Tag that renders pretty links to man page sources on the internet.
- jekyll-font-awesome: Quickly and easily add Font Awesome icons to your posts.
- Lychee Gallery Tag by tobru: Include Lychee albums into a post. For an introduction, see Jekyll meets Lychee - A Liquid Tag plugin
- Image Set/Gallery Tag by callmeed: Renders HTML for an image gallery from a folder in your Jekyll site. Just pass it a folder name and class/tag options.

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- Image Set/Gallery Tag by ... : Renders HTML for an im... gallery fr... older in your ... l site. Just pass it a folder n... class/tag options.
- Jekyll ... ure: G... r... and captions with links to the ... ty of data
- Jekyll ... : A liquid tag to include a sample of ... repo file in your ... s.
- Jekyll Project V... g: A Liquid tag plugin that renders a ... identifier for your Jekyll site sourced from the git repository ... containing your code.
- Piwigo Gallery by Alessandro Lorenzi: Jekyll plugin to gener... thumbnails from a Piwigo gallery and display them with a Lig...
- mathml.rb by Tom Thorogood: A plugin to convert TeX math... into MathML for display.
- webmention_io.rb by Aaron Gustafson: A plugin to enable webmention integration using Webmention.io. Includes an o... JavaScript for updating webmentions automatically betwee... publishes and, if available, in realtime using WebSockets.
- Jekyll 500px Embed by Luke Korth. A Liquid tag plugin that ... 500px photos.
- inline_highlight: A tag for inline syntax highlighting.
- jekyll-mermaid: Simplify the creation of mermaid diagrams a... flowcharts in your posts and pages.
- tvx: Twemoji Awesome plugin for Jekyll. Liquid tag allowing ... twitter emoji in your jekyll pages.
- Fetch remote file content by Dimitri König: Using `remote_fi...` tag you can fetch the content of a remote file and include it a... would put the content right into your markdown file yourself ... useful for including code from github repo's to always have a... repo version.
- jekyll-asciinema: A tag for embedding asciicasts recorded wi... asciinema in your Jekyll pages.
- Jekyll-Youtube A Liquid tag that embeds Youtube videos. Th... embed markup is responsive but you can also specify your o... using an include/partial.
- Jekyll Flickr Plugin by Lawrence Murray: Embeds Flickr pho... (albums) as a gallery of thumbnails, with lightbox links to larg...
- jekyll-figure: A liquid tag for Jekyll that generates `<figure>`
- Jekyll Video Embed: It provides several tags to easily embed... (e.g. Youtube, Vimeo, UStream and Ted Talks)
- jekyll-i18n_tags: Translate your templates.
- Jekyll Ideal Image Slider: Liquid tag plugin to create image sl... using Ideal Image Slider.
- Jekyll Tags List Plugin: A Liquid tag plugin that creates tags l... specific order.
- Jekyll Maps by Anatoliy Yastreb: A Jekyll plugin to easily em... with filterable locations.
- Jekyll Cloudinary by Nicolas Hoizey: a Jekyll plugin adding a... to ease the use of Cloudinary for responsive images in your ... Markdown/Kramdown posts.
- jekyll-include-absolute-plugin by Tan Nhu: A Jekyll plugin to ... file from its path relative to Jekyll's source folder.
- Jekyll Download Tag: A Liquid tag that acts like `include`, but ... external resources.
- Jekyll Brand Social Wall: A jekyll plugin to generate a social w... your favorite social networks
- Jekyll If File Exists: A Jekyll Plugin that checks if a file exists ... if/else block.

Jekyll Conclusion

Jekyll vs WordPress

TECHNOLOGY

	WordPress	Jekyll
Server type	LAMPD	**any**
Backup	**no** (needs plugin)	yes (git)
Speed	fast (caching)	**blazing fast**
GitHub pages	**no**	**yes**
Dynamic content	**yes**	**no** (some via iframe)
Immune to hacking	**no**	**yes**
Needs care & attention	**yes** (updating)	**no**

EXTENSIBILITY

	WordPress	Jekyll
● Theming	yes	yes
● Plugins	yes	yes
● Theme & Plugin Repo	**huge**	**small**

USABILITY

	WordPress	Jekyll
Installation (server-side)	complicated	none
Build in editor (end user content editing)	yes	no
Learning curve	steep	linear
Developer skill level (website development)	high (PHP+WP API)	medium (HTML+CSS)
End user skill level (content authoring)	low	medium

USE CASES

Author skill level

Content change frequency	low	medium-high
often	WordPress	
rare		Jekyll

Q&A

Thank you

github.com / knee-cola / jekyll-demo

nikola @ ngit.hr

@knee_cola_lite

github.com / knee-cola

+NikolaDerežić