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### nginx

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**Hosts:** [Randal Schwartz](http://twit.tv/floss) and [Aaron Newcomb](http://thesourceshow.org/).

Run by the busiest web sites on the Internet, including Hulu, Netflix, Instagram, and Facebook, NGINX enables high performance web architectures to improve user experience, without incurring unnecessary costs in capital or time.

Sarah Novotny is a technical evangelist and community manager for NGINX.

**Guests:** [Sarah Novotny](http://nginx.org/).

**~2:02 What is Nginx?**

It is some kind of web server. For example, it can process dynamic pages through web server and allow the network to interact with these dynamic pages.

**~3:22 What percentage of the world's websites are served with Nginx?**

40~50%

**~4:57 What was the challenge that lead to the creation of Nginx?**

The challenge was C10k problem which is how to handle 10,000 current users on the server at one time.

**~5:33 What is the main architectural difference between Nginx and Apache webservers?**

It is the way that they handle connections and traffic. Nginx has less process to handle the connection and is faster. Apache provides many multi-processing modules which occupys too much memory.

~**8:32 What are some of the main use cases for Nginx?**

You got web service, you can get static content, you can connect with application server, run proxy to connect with application server which you want, work with different PHP back-end, use proxy to use another web server, so on.

**~11:00 When did Sarah get involved in Nginx?**

She paid attention it firstly at 2008. Then, she wanted to find a find to share her excitement about technology and communicate with people. Finally, she accepted the offer from Nginx as a evangelist.

**~12:56 Where did Nginx come from?**

Russia

**~17:41 What is "caching" in relation to websites?**

Caching is web server stores results, such as dynamic pages. If clients request to the same page or visit the same web site next time, web server will get it from the caching and it saves time.

**~19:45 What is "proxying" in relation to websites?**

Proxying works on the same way like catching but it server many users. For example, Nginx will offer the same context to different locations.

**~29:36 What was the founder's motive to opensource Nginx?**

The founder want to do some useful and make the decision in 2004 which is Nginx is open source.

**~34:00 What is the difference in the opensource Nginx and the commercial version? (Freemium?)**

Commercial version focuses on enterprises which are glad to pay the money for technical support.

**~40:19 Are there Linux Distro packages for Nginx?**

Yes. For redhat and centos.

**~53:10 Can Apache and Nginx co-exist or is it a winner take all?**

Apache and Nginx can co-exist because Nginx can do something very fast but Apache can do everything.