

# Asyncio

Justus Perlwitz

Freelance Developer

Github/Twitter: @justuswilhelm

Asincio?

Aiohttp?

Generators?

# Coroutines

A normal function

# Generator Function!

What does that have to do with asyncio?



What if you want to yield to HTTP requests?

Coroutines suspends itself after initiating  
the HTTP connection

Now what?

Enter: Event loop

Loop waits for I/O events

Coroutines are returned by the loop as soon as the requested resource is available

Meanwhile other tasks can be executed

Non-Blocking I/O



Result:  
Concurrent I/O