

Django Under The Hood 2015 Recap

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What is Django Under The Hood?

- ▶ The "newest" Django conference - started last year!
- ▶ Focus on the internals of Django and contribution



What is Django Under The Hood?

- ▶ In Amsterdam, 5th to 7th November
- ▶ 1.5 days of talks, 1 day of sprints
- ▶ 300 attendees



The whole crowd



The amazing cog sign



Team YPlan



Talks

- ▶ 9 talks in a single track, 2 workshops during the sprints
- ▶ 3 videos online already at opbeat.com/events/duth
- ▶ MC'd by Marc Tamlyn

HTTP in Django - Jacob Kaplan-Moss



- ▶ One of the originators of Django
- ▶ Covered how Django interfaces with your WSGI web server, converts requests into `WSGIRequest` objects, passes them through your middleware and views, then takes the `HTTPResponse` you return and passes that back to WSGI
- ▶ Covered the history too, including the invention of WSGI

Django Admin - Ola Sitarska



- ▶ One of the DUTH organizers
- ▶ Covered how the Admin works, the interaction between the ModelAdmin class and ChangeList, as well as pointing out some places it needs improvement

Django CMS ORM - Iacopo Spalletti



- ▶ Invited as a creator of a large third party app
- ▶ Explained how Django CMS integrates with Django, how its plugin infrastructure works, and some of the pain points/hacks that are necessary

Keynote - Russell Keith-Magee



- ▶ President at Django Software Foundation
- ▶ Walked through the commit history of Django, pointing out major changes and funny messages - gave a good background to why some things are the way they are

Twisted & Django - Amber Brown



- ▶ Release Manager for Twisted
- ▶ Talked on how Twisted works to provide asynchronous capabilities in Python, and gave a PoC integration of Django and with Twisted
- ▶ The future of django may be asynchronous - see github.com/andrewgodwin/channels

Static files in Django - James Aylett



- ▶ Long time Django developer
- ▶ Covered how static files work in django, the difference between 'static' and 'staticfiles', and a lot of the crusty tickets to do with static file handling.

Django Security - Florian Apolloner



- ▶ Head of Django Security
- ▶ Covered Django's security policies, existing security features and the future of security

Documentation Systems - Eric Holscher



- ▶ Creator of Read The Docs
- ▶ Covered how Sphinx works internally, and given this, how it can be integrated with other syntaxes such as Markdown

The Sprints!



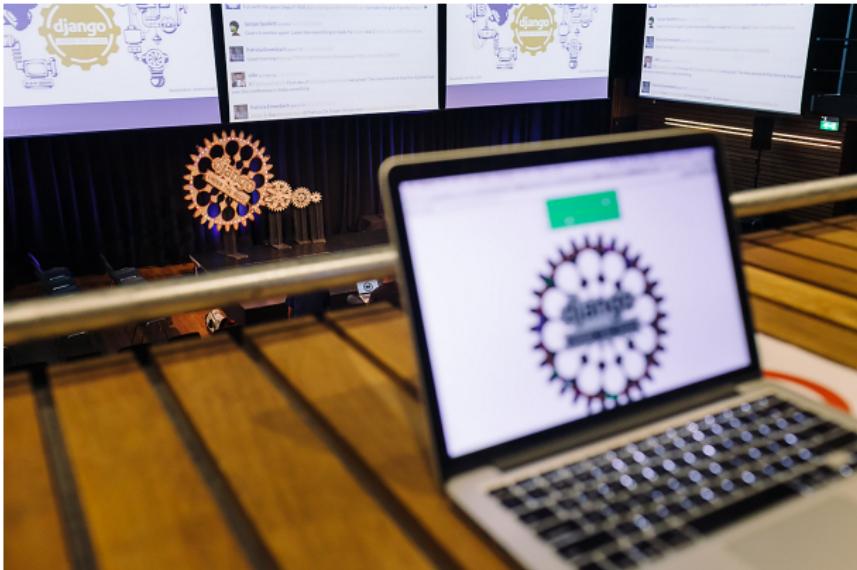
- ▶ Amazing venue thanks to Travelbird
- ▶ Over 100 people getting involved with improving Django and related packages

The Sprints!



- ▶ Every commit/issue - bang the gong! The whole room cheers!

The End



- ▶ Website: djangounderthehood.com
- ▶ Talk videos: opbeat.com/events/duth/
- ▶ My blog: adamj.eu/tech/