

EU-FOSSA

EP Pilot Project "Free and Open Source Software Auditing"

Marek Przybyszewski

European Commission – DIGIT

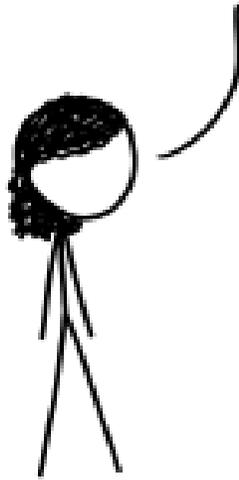
How it all started

History

1/4/2014: Heartbleed



SERVER, ARE YOU STILL THERE?
IF SO, REPLY "BIRD" (4 LETTERS).



User Olivia from London wants pages about "na
bees in car why". Note: Files for IP 375.381.
283.17 are in /tmp/files-3843. User Meg wants
these 4 letters: BIRD. There are currently 346
connections open. User Brendan uploaded the file
selfie.jpg (contents: 834ba962e2ceb9ff89bd3bfff8)



HMM...

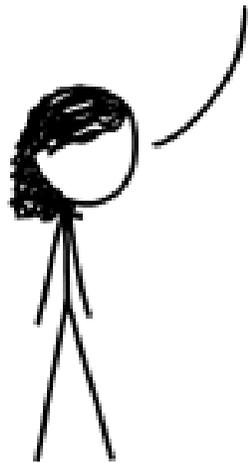


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BIRD



SERVER, ARE YOU STILL THERE?
IF SO, REPLY "HAT" (500 LETTERS).



a connection. Jake requested pictures of deer.
User Meg wants these 500 letters: HAT. Lucas
requests the "missed connections" page. Eve
(administrator) wants to set server's master
key to "14835038534". Isabel wants pages about
snakes but not too long". User Karen wants to
change account password to "CoH-BaSt". User



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A close-up photograph of a man with a shocked expression, wide eyes, and an open mouth. He is wearing a blue and white striped shirt. The background is a solid green color.

Worldwide cost estimated at US\$500m

Source: Sean Michael Kerner, eWEEK: <http://goo.gl/nkskPN>



Analysis

What we are doing about it

Initiatives

Initiatives

24/04/2014



<https://www.coreinfrastructure.org/>

Initiatives

23/10/2015

The Mozilla logo, consisting of the word "mozilla" in a lowercase, bold, sans-serif font, is centered within a white rectangular box. The background of the slide is a dark teal color.

mozilla

MOSS - Mozilla Open Source Support

<https://wiki.mozilla.org/MOSS>

Initiatives

22/10/2014



European Parliament

EP Pilot Project

Proposed by:

Max Andersson



Julia Reda



Implementation: European Commission



EP Pilot project n° 645



FOSSA

Free and Open Source Software Auditing

FOSSA Scope



"The FOSSA pilot project is focused on establishing a process to assess the security level of free and open software used by the European Commission and the European Parliament by performing comparative and feasibility study, an inventory of free software and open standards as well as sample code review."

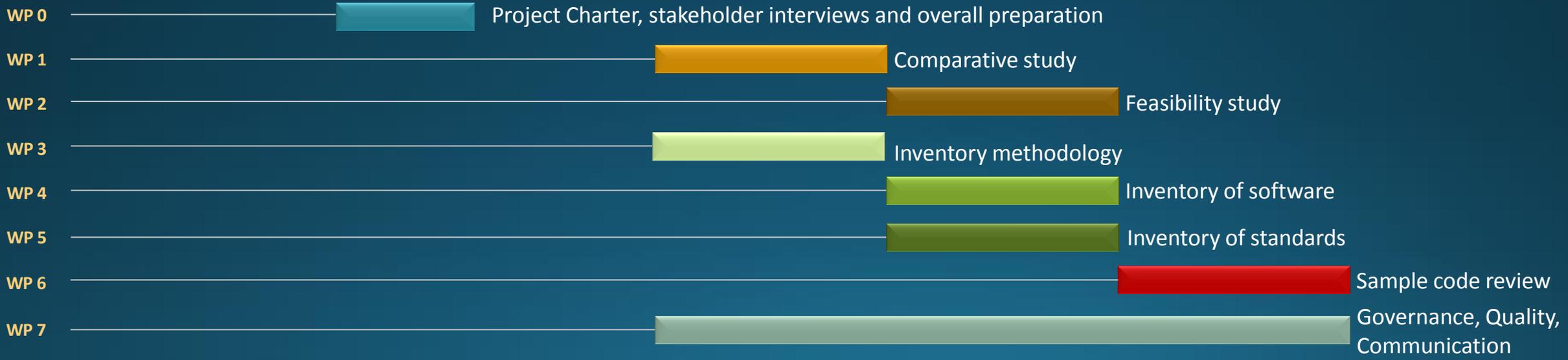
FOSSA Project Charter - Scope Statement

Budget: 1 million euro

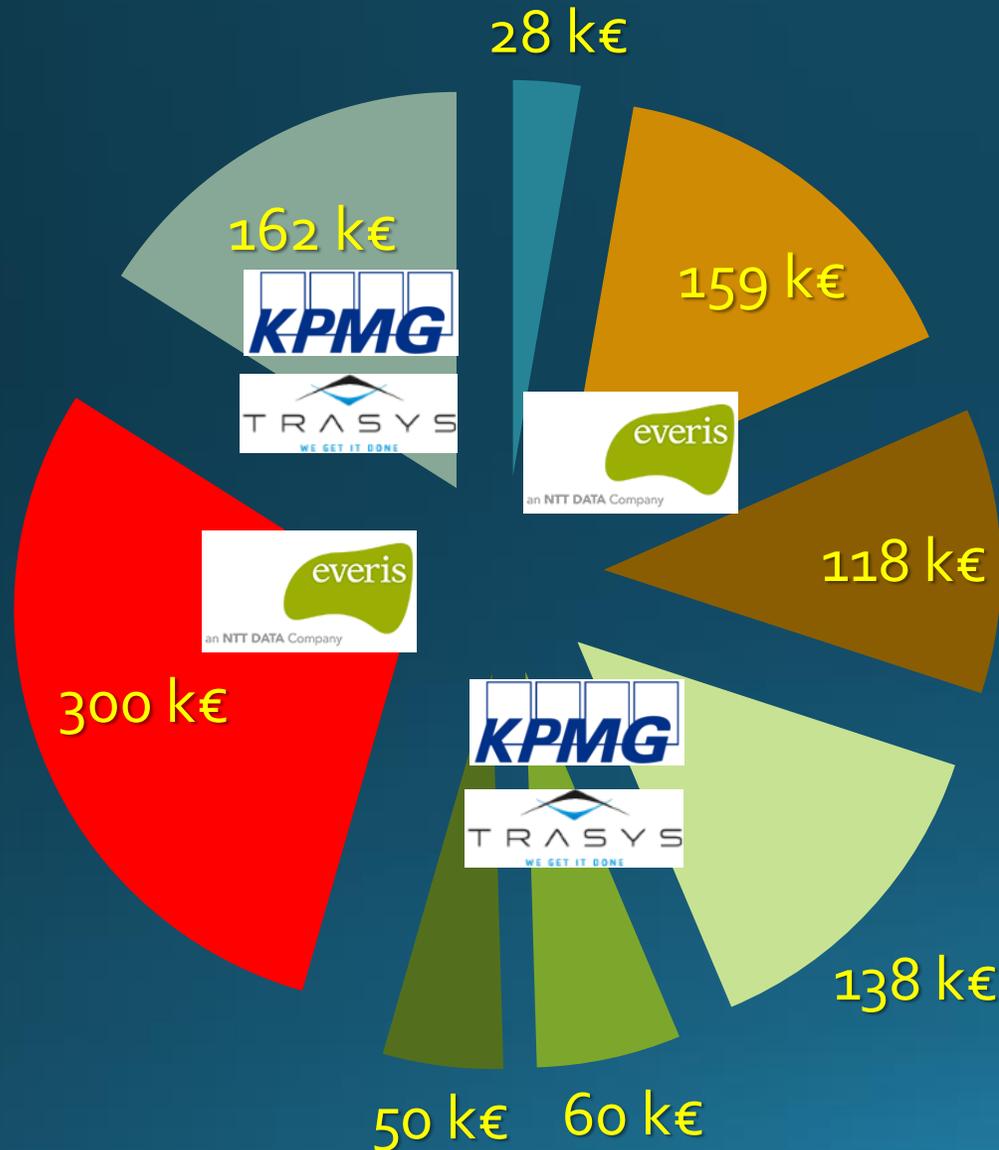


Scheduled duration: 1 year

FOSSA Timeline



Budget distribution



- WP0: Project charter
- WP1: Comparative study
- WP2: Feasibility study
- WP3: Inventory methodology
- WP4: Software inventory
- WP5: Standards inventory
- WP6: Code review
- WP7: Governance, Quality, Communication

How can you help?

- All input is welcome
- Join the community, start a discussion
- Our contractors may contact your project
- Good candidate projects for the sample code review are needed

Contact



<https://joinup.ec.europa.eu/community/eu-fossa>

(or search for EU-FOSSA)

DIGIT-OSS-STRATEGY@ec.europa.eu

Questions

Pictures:

Heartbleed Comic: XKCD

Drawing of a fossa by illustrator Gustav Mützel in Brehms Tierleben (1876)

Wikimedia Commons (Bertal)

Pixabay (Creative Commons)

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Logos of respective companies and initiatives

