

RSA[®]Conference2020

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HUMAN
ELEMENT

SESSION ID: OST-T08

Open Source: Promise, Perils and the Path Ahead



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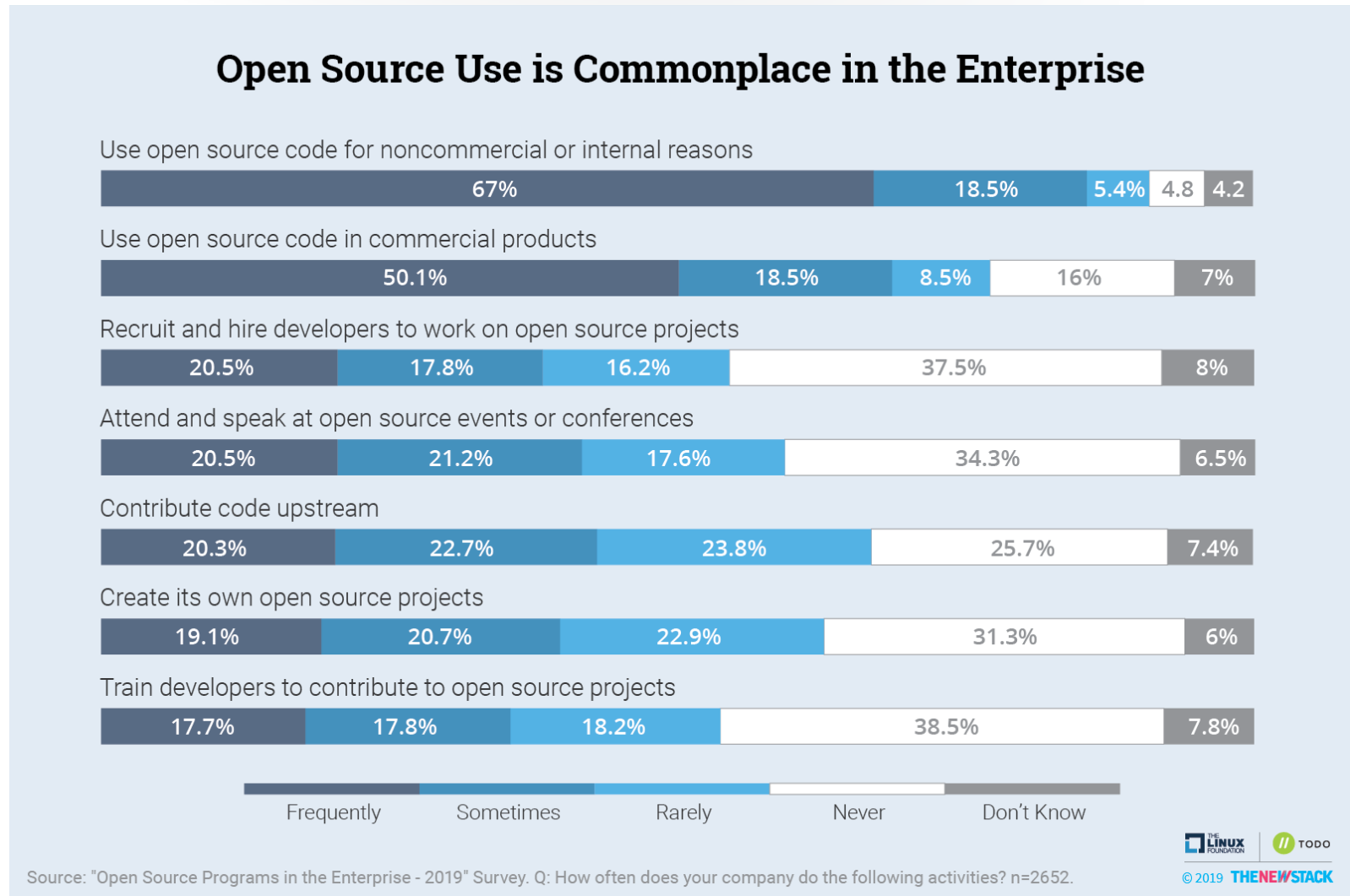
#RSAC

Open Source at RSA!

- Mission:
 - Highlight new/useful tools that can help solve real world problems
 - Foster open source development in the security community
- Plan:
 - Organize the track as close to an open source project as possible: build a community of open source developers, advocates, enthusiastic enterprise users
- Program committee advisors (some unable to attend in person today):
 - Inigo Merino
 - Dr. Kelley Misata
 - HD Moore
 - Ed Moyle
 - Daniel Stenberg
 - Lenny Zeltser

Open source adoption in enterprise

- “Shift Left” = open source
 - Containers (Docker)
 - Orchestration (Kubernetes)
 - Service Mesh (Istio, Envoy)
 - CI/CD (Ansible, Puppet, Chef – as of 2019)



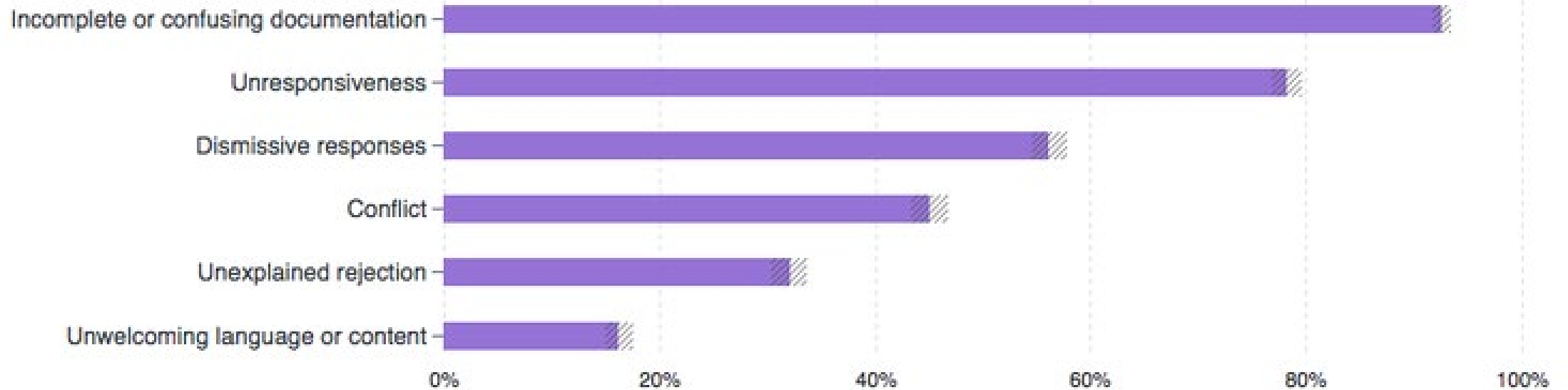
Source: “Open Source Programs in Enterprise – 2019”, NewStack

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Challenges and barriers to usage

Fig1. - Problems encountered in open source

Source: opensourcesurvey.org



Source: GitHub (Open Source Survey), opensourcesurvey.org

Call to action

- The security community needs you:
 - Your code
 - Your expertise
 - Your feedback and participation
- Get involved in the community here at the show
 - And consider submitting cool tools you've written or that you've used to solve your business challenges next year!



Source: Library of Congress, ppmsca 50554

Taking this forward (“how to apply”)

- This week:
 - Think about the security problems you’re trying to solve – chances are good the tools in this track can help with at least some of them
- Next week:
 - Engage with your firm’s open source management program (if there is one), or
 - Consider championing one (build consensus, find like-minded allies) if it doesn’t already exist
- Next month:
 - Keep an eye open for internal efforts that you may be “sitting on” that can help others (benefits to you include free marketing, low-cost support/improvements to tools you’re using anyway)
- Next year:
 - Consider submitting your projects/software/experiences to this forum (or others like it)