Online Tracking and Privacy

Capita Selecta in Cyber Security - NWI-IMC074

Lecture 11

15 May 2024

Güneş Acar - Digital Security group Radboud University

Agenda

- Housekeeping
- Guest lectures

Housekeeping - Assignment 2

- Feedback session after today's lecture
 - 15 May, 15:30-16:15 (Mercator I 03.01)

Housekeeping - Assignment 3

- Grade weight: 3.5 4/10 of the final grade
- Froup presentations: 22 and 29 May
 - Submit the slides before your presentation
- Individual reviews due: 29 May
 - o Please mention your group name
- 1 Follow the timeline given in the 🗸 Checklist

Assignment 3 - Group presentations

- 1. Paper 1: Group A3 14
- 2. Paper 2: Group A31
- 3. Paper 3: Group A3 3
- 4. Paper 5: Group A3 17
- 5. Paper 6: Group A3 15
- 6. Paper 7: Group A3 16
- 7. Paper 8: Group A3 5
- 8. Paper 10: Group A3 10

- 1. Paper 9: Group A3 2
- 2. Paper 1: Group A3 9
- 3. Paper 4: Group A3 18
- 4. Paper 5: Group A3 7
- 5. Paper 6: Group A3 4
- 6. Paper 7: Group A3 13
- 7. Paper 8: Group A3 12
- 8. Paper 9: Group A3 8
- 9. Paper 10: Group A3 11

Outlook

- Web, mobile, connected home devices (IoT)
- What else do we have tracking/analytics/telemetry:
 - Desktop programs
 - o Al companions?
 - o Programming languages?





Google's Go may add telemetry that's on by default

Some devs object because they don't trust Mountain View

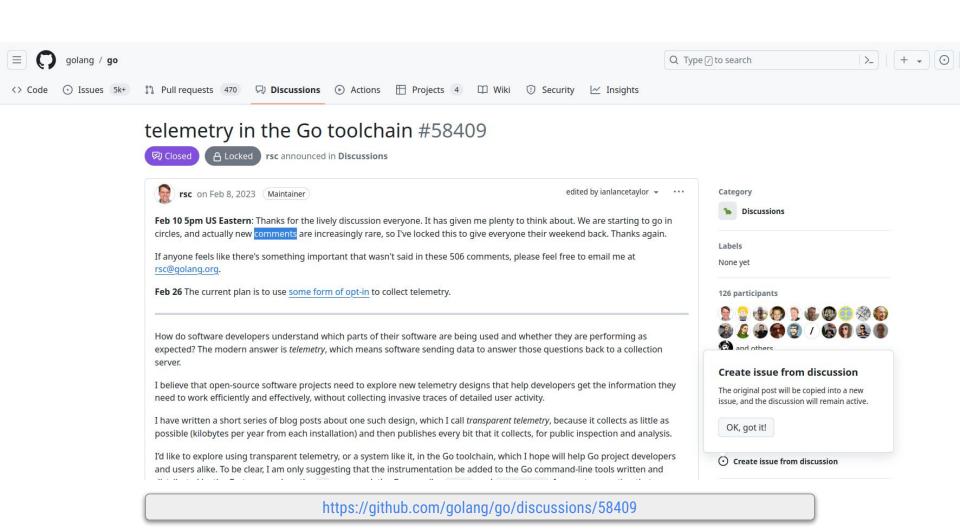
Thomas Claburn

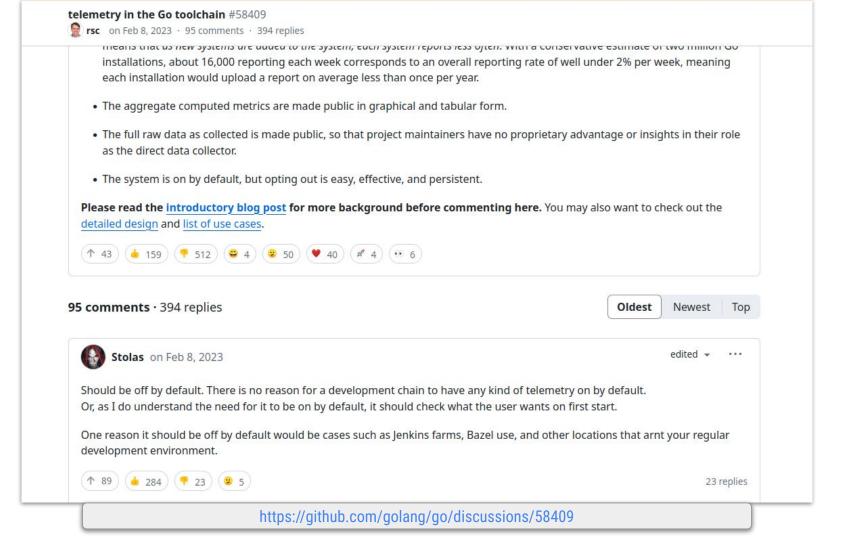
Fri 10 Feb 2023 // 19:30 UTC

Russ Cox, a Google software engineer steering the development of the open source Go programming language, has presented a possible plan to implement telemetry in the Go toolchain.

However many in the Go community object because the plan calls for telemetry by default.

These alarmed developers would prefer an opt-in rather than an opt-out regime, a position the Go team rejects because it would ensure low adoption and would reduce the amount of telemetry data received to the point it would be of little value.





Feedback

- Please fill in the course evaluation forms
- What subjects do you want to be covered?
 - Privacy issues with GenAl, chatbots
 - Tracking by desktop programs
 - 0 ...
- What did you like and not like in the assignments in the lectures?

Guest lecture 1/2



Targeted and Troublesome: Tracking and Advertising on Children's Websites
WARNING: Contains potentially NSFW images

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Hamid Bostani Radboud University

Frederik Zuiderveen Borgesius Radboud University

Veelasha Moonsamy Ruhr University Bochum Arunesh Mathur Independent Researcher Gunes Acar Radboud University

Zahra Moti

Guest lecture 2/2



Christine Utz

Privacy Rarely Considered: Exploring Considerations in the Adoption of Third-Party Services by Websites

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