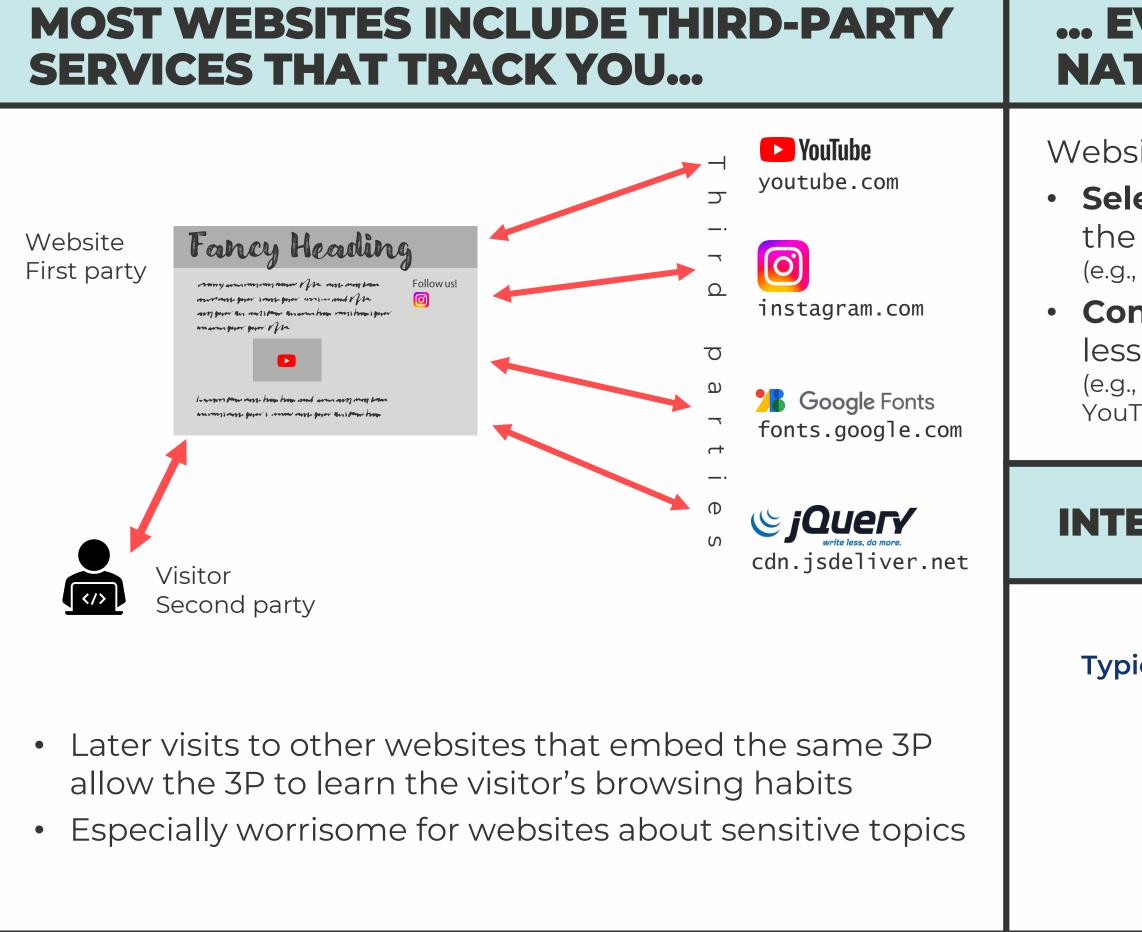
PRIVACY RARELY CONSIDERED: EXPLORING CONSIDERATIONS IN THE ADOPTION OF THIRD-PARTY SERVICES BY WEBSITES

Christine Utz, Sabrina Amft, Martin Degeling, Thorsten Holz, Sascha Fahl, and Florian Schaub



PRIVACY-FRIENDLY CONFIGURATION

Integration Solution	n	%	
Analytics			 Analysis of partici
Google Analytics	158	45.0	efforts at privacy-fr
Google Analytics w/ IP anonymization	24	6.8	
Privacy-friendly (Matomo/Piwik)	15	4.3	 Top privacy protest
Only privacy-friendly	11	3.1	security mechanis
Video			3
YouTube	74	21.1	 Top reasons not to
Vimeo	12	3.4	collection by the w
Privacy-friendly (YouTube-nocookie)	16	4.5	development proc
Only privacy-friendly	6	1.7	development proc



ipant-provided webs friendly configuration.

- ection measures: data sms, 3P settings
- to make adjustments website, no requireme cess, trust in 3P

Privacy Rarely Considered: Exploring Considerations in Christine Utz¹, Sabrina Amft¹, Martin Degeling², Thorsten H In: Proceedings on Privacy Enhancing Technologies (PoPE ¹CISPA Helmholtz Center for Information Security, Saarbrücken, Germany ²Ruhr University Bochum, Bochum, Germany ³University of Michigan School of Information, Ann Arbor, MI, USA

EVEN THOUGH THERE ARE ALTER- TIVES!	INVESTIGATING MOTIVATIONS
e desired functionality g., self-hosting, 3P that collects less visitor data) onfigure the 3P service to collect as data g., privacy-enhanced embed mode on uTube)	 Online survey in Nov-Dec 2020 395 participants with technical responsibility for a website (web developers, admins, social media managers,) Asked about 10 types of website functionality on a website they recently worked on, e.g.: YouTube Google Fonts Yandex Metrica O DISCUS O Consent
EGRATION TYPES USED BY PARTICIPANTS	CONSIDERED ALTERNATIVES
bically IP User Login Forms Audio Privacy Popups Nebsite Protection Maps Payment Mixed	 Integration decision typically between 1P integration or 3P solution, rarely between different 3P offerings Top reasons for selecting the given solution: ease of integration, features, cost considering alternatives: ease of integration, resources not considering alternatives: familiarity with solution
AWARENESS OF 3P	DATA COLLECTION Wertising (10) (12) (12) (12) (12) (12) (12) (12) (12
	Personal IDs = 0.10 0.04 0.05 0.08 0.03 0.04 0.03 0.12 0.03 - 0.45
n the Adoption of Third-Party Services by Websites Holz ¹ , Sascha Fahl ¹ , and Florian Schaub ³ PETS) 2023 (1), pp. 5-28	RUB



