



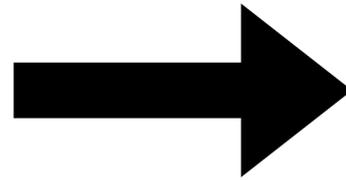
Open Source vs GDPR

How to protect public data

Christian Grobmeier. Twitter: @grobmeier <https://grobmeier.solutions>

Who are you again?

Christian Grobmeier



1 Wife, 1 Kid, 1 Horse

Self Employed at \$day: Java, JavaScript etc

Open Source at \$night:
Apache Software Foundation Member
Ex-VP Logging Services
Current VP Data Privacy

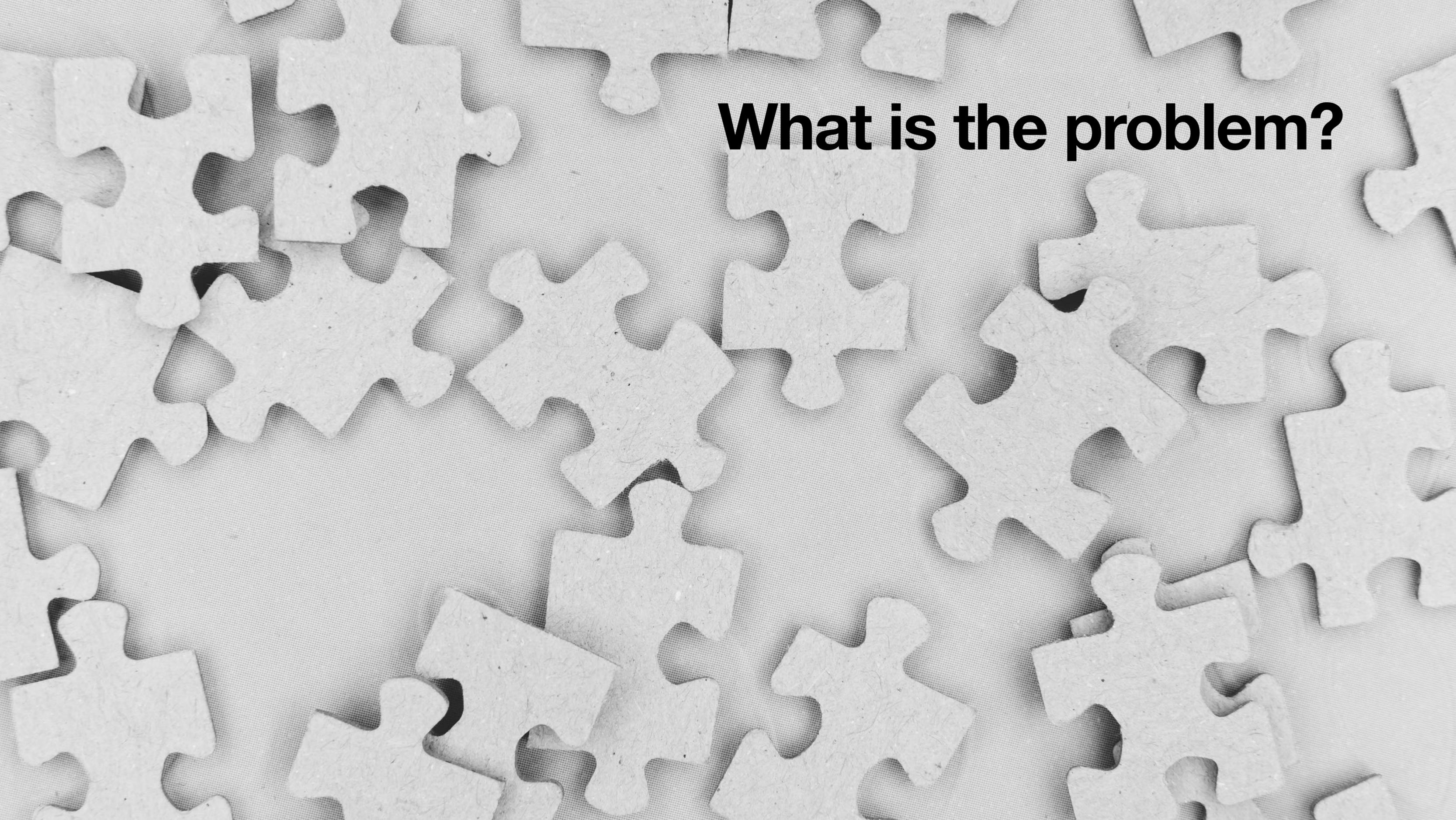
Twitter: @grobmeier



CalOPPA

GDPR

How does it all work?

The image features a background of numerous light-colored, interlocking puzzle pieces scattered across a textured, greyish surface. The pieces are not fully assembled, creating a sense of incompleteness. The lighting is even, highlighting the texture of the paper and the surface.

What is the problem?

GDPR Enforcement Tracker

It's about €.

The CMS.Law GDPR Enforcement Tracker is an overview of fines and penalties which data protection authorities within the EU have imposed under the EU General Data Protection Regulation (GDPR, DSGVO). Our aim is to keep this list as up-to-date as possible. Since not all fines are made public, this list can of course never be complete, which is why we appreciate any [indication of further GDPR fines and penalties](#). Please note that we do not list fines imposed under national laws, under non-data protection laws (e.g. competition laws / electronic communication laws) and under "old" pre-GDPR-laws.

New features: "ETid" and "Direct URL"!
We have assigned a unique and permanent ID to each fine in our database, which makes it possible to precisely address fines, e.g. in publications. Once an "ETid" has been assigned to a fine, it remains the same, even if the fine is overturned or amended by courts at a later date, or if we add fines that were issued chronologically before. The "Direct URL" (click "+" or on a specific ETid to view details of a fine) can be used to share fines online, e.g. on Twitter or other media.

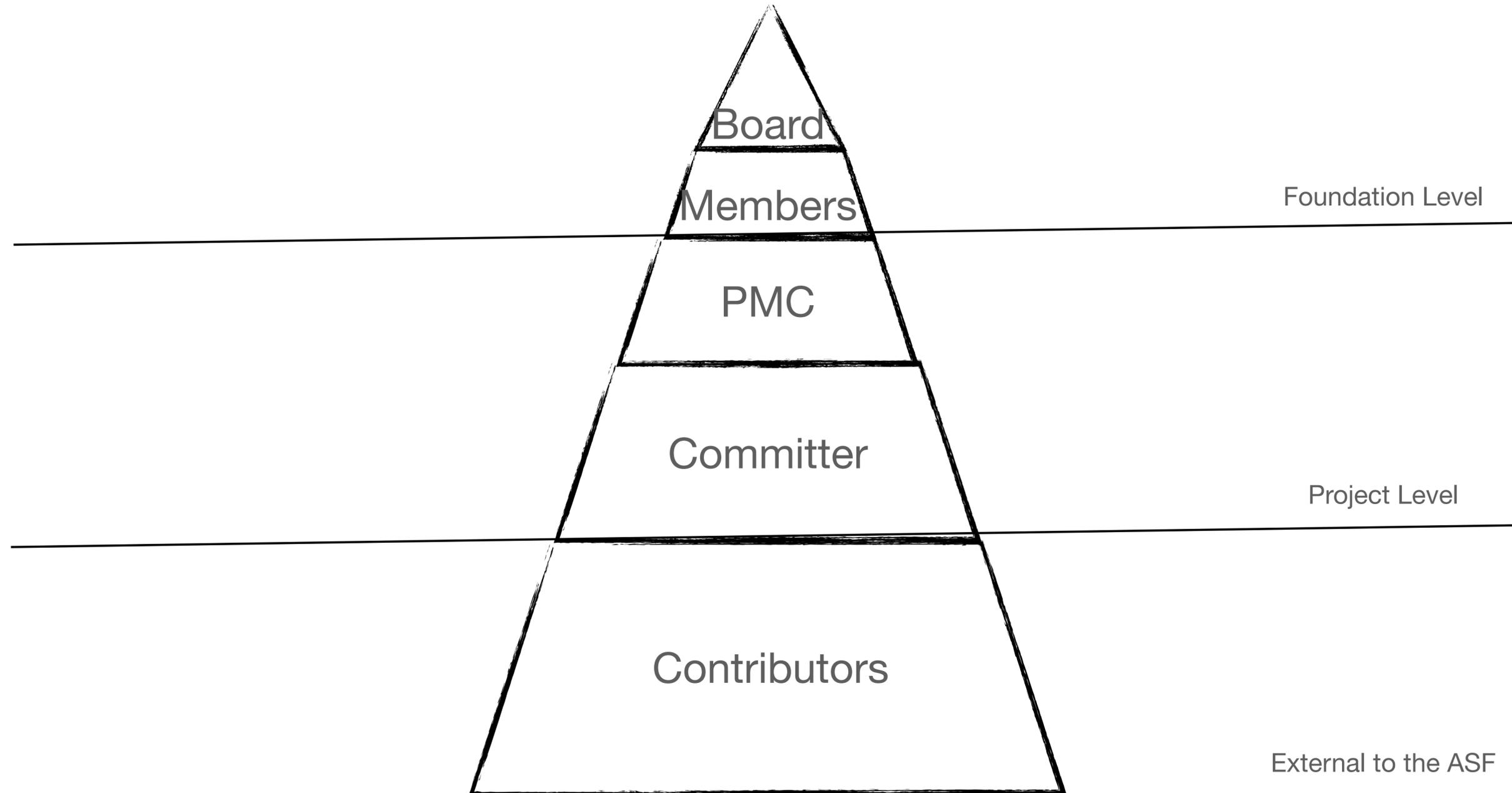
Show entries

Search:

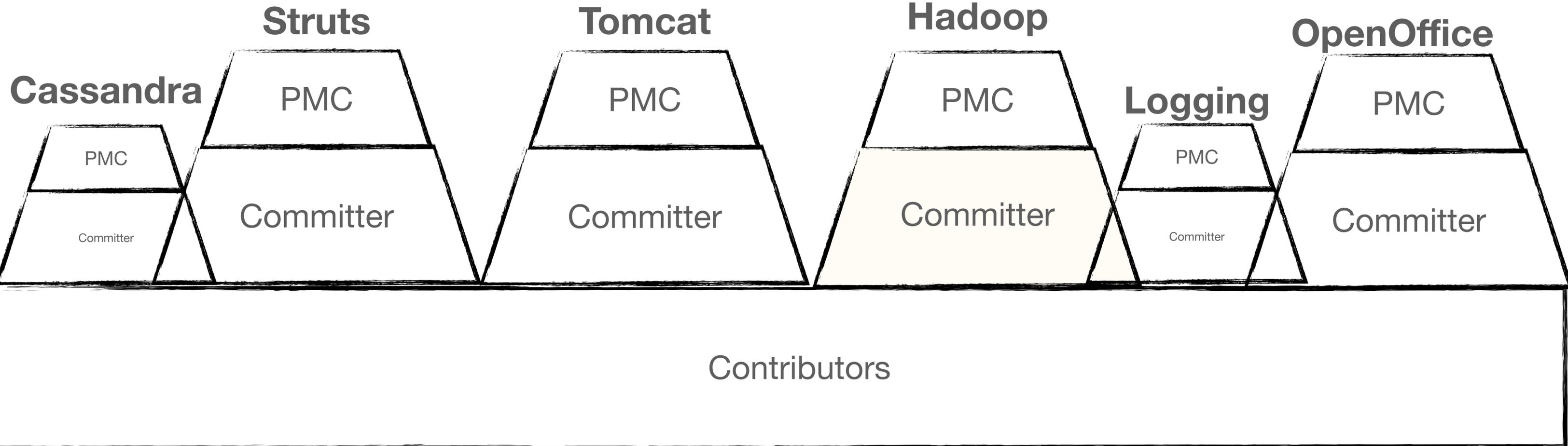
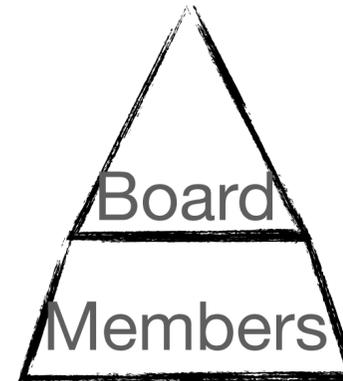
	ETid	Country	Date of Decision	Fine [€]	Controller/Processor	Quoted Art.	Type	Source
	<input type="text" value="Filter Column"/>	<input type="text" value="Filter Column"/>		<input type="text" value="Filter Column"/>	<input type="text" value="Filter Column"/>		<input type="text" value="Filter Column"/>	
+	ETid-1093	 CROATIA	2022-03-08	89,250	Retail company (name not available at the moment)	Art 32 (1) b) and d) GDPR, Art 32 (2) GDPR, Art 32 (4) GDPR	Insufficient technical and organisational measures to ensure information security	link
+	ETid-1092	 CROATIA	2022-03-08	124,245	Energy company (name not available at the moment)	Art. 15 (3) GDPR	Insufficient fulfilment of data subjects rights	link
+	ETid-1091	 GERMANY	2020-10-24	200	Private Individual	Art. 5 GDPR, Art. 32 GDPR	Non-compliance with general data processing principles	link
+	ETid-1090	 SPAIN	2022-02-23	1,500	WORLDWIDE CLASSIC CARS NETWORK S.L.	Art. 5 (1) c) GDPR, Art. 13 GDPR	Non-compliance with general data processing principles	link
+	ETid-1089	 THE NETHERLANDS	2022-01-14	525,000	DPG Media Magazines B.V.	Art. 12 (2) GDPR	Insufficient fulfilment of data subjects rights	link link

How does it all work?

A quick look into the Apache Software Foundation



How does it all work?

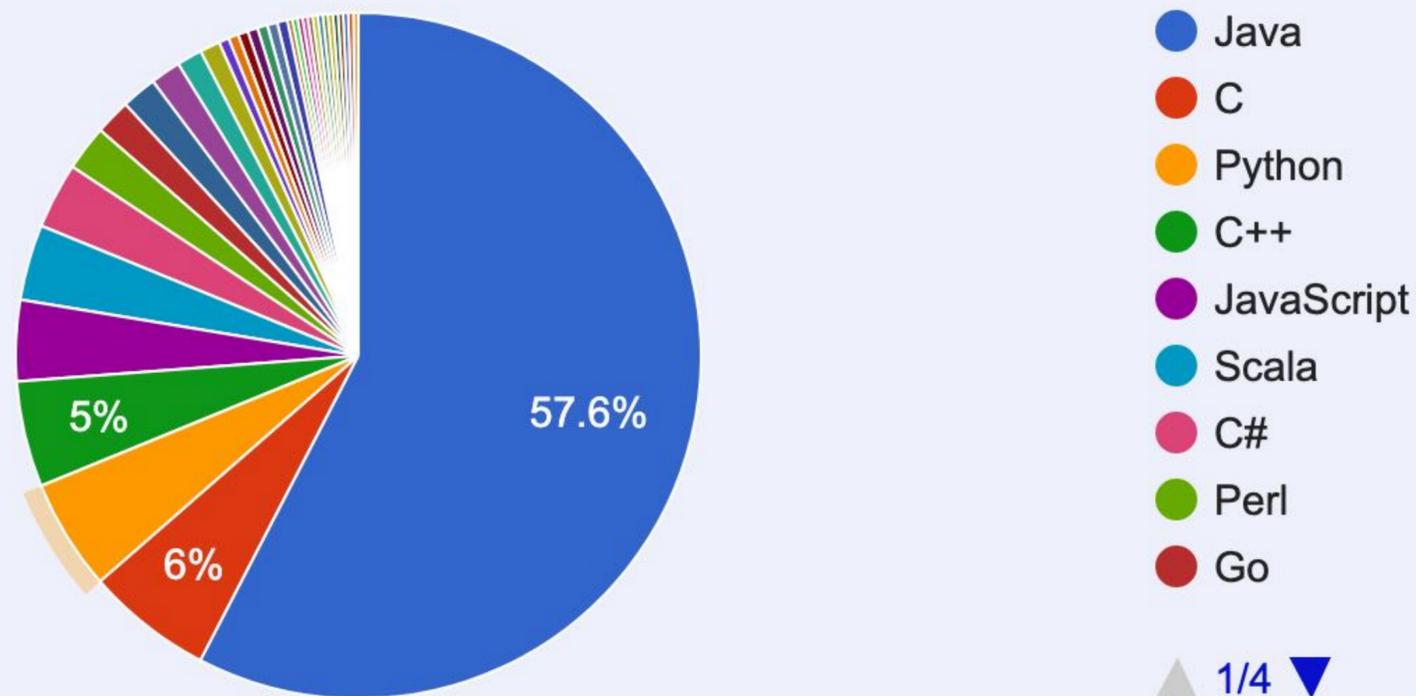


Numbers

There are currently **350+** open source initiatives at the ASF:

- **200 committees managing 351 projects**
- **5 special committees***
- **37 incubating podlings**

Language distribution (click on a language to view all projects using it)



- All volunteer community
- 227M+ lines of code in stewardship
- 4.3B+ lines of code changed
- 4.4M+ code commits
- 850+ individual ASF Members
- 8,200+ Apache Committers
- 41,000+ code contributors
- 490,000+ people involved in our communities

Typical developer workflow

1. Find a project
2. Checkout the code, try to compile
3. Find issues on Jira/Github
4. Ask questions on the mailing list
5. Try to fix, send a Pull Request/Patch
6. Get you feedback, repeat 4 - 6 until PR is accepted
7. At some point become an official committer
8. At some point become a PMC member
9. At some point become an ASF member

What tools are we using?

Bugzilla, Jira, Github Issues

Confluence, Wiki
phpBB, Mailinglists

Financial Tools

Website things

Internal tools

GSuite

Event Planning Tools

Static Code Analysis, Donated Stuff

CDN & Hosting

...and everything people love but I don't know



Key points of the GDPR

User Rights

Privacy by Design

Consent

Data breach notifications

Transparency

DPO



Do we need a DPO?

No. But we still have a VP.

1. All public authorities and bodies, including government departments.
2. Where the core activities of the organisation (controller or processor) consist of data processing operations, which require regular and systematic monitoring of individuals on a large scale.
3. Where the core activities of the organisation consist of special categories of data (ie health data) or personal data relating to criminal convictions or offences.



Problem 1: Websites

All projects maintain their own websites

Solutions:

Google Fonts
YouTube videos
Google Analytics
3rd party JS libraries
Facebook Fanpages

Self-Host
Click to start
Replaced with Matomo
Self-Host
Removed

This needs to be done for all websites, also archived ones: 400 projects + Docs

Problem 2: Source Code

```
commit 955d5feba0ba977bd0c970d21be75c9ddef891cb (HEAD -> main, origin/main)
Merge: 8f6e4a3 1cad780
Author: Christian Grobmeier <cg@grobmeier.de>
Date: Mon Mar 7 14:52:57 2022 +0100

Merge branch 'MartijnVisser-add-matomo-optout' into main

commit 1cad780e4a57c3588ea6e3dbb6ca24d6b94d02b1 (MartijnVisser-add-matomo-optout)
Merge: 8f6e4a3 bba82a5
Author: Christian Grobmeier <cg@grobmeier.de>
Date: Mon Mar 7 14:50:58 2022 +0100

Merge branch 'add-matomo-optout' of https://github.com/MartijnVisser/privacy-website
```

Problem 2: Source Code

description

owner

last change

shortlog

- 5 min ago  Christian Grobmeier
- 5 min ago  Christian Grobmeier
- 8 min ago  Christian Grobmeier
- 9 min ago  Christian Grobmeier

```
70 produce specialized or dynamic statements. The default uses the
71 sql option value.
72
73 </ul>
74
75 @author Kevin Steppe (<A HREF="mailto:ksteppe@pacbell.net">ksteppe@pacbell.net
76
77 */
78 public class JDBCAppender extends org.apache.log4j.AppenderSkeleton {
79
80 /**
81 * IIRL of the DB for default connection handling
```

Merge pull request #17 from cottage14/patch-5 ...

 grobmeier committed 2 minutes ago

Merge branch 'main' into patch-5

Index of /logging/graphics

Files shown: 0

Directory revision: [1602738](#) (of [1898904](#))

Sticky Revision:

File ^	Rev.	Age	Author	Last log entry.
 Parent Directory				
 log4j/	1602738	7 years	grobmeier	added new logo, thanks to Murad Ersoy

Problem 2: Source Code

The right to be forgotten.

F***.

Problem 2: Source Code

Problems:

Author names as comment
Emails and names in Git / SVN
Credits in commit messages

Solutions:

Remove code and nuke history
Rewrite history
Rewrite history

This needs to be done for all SVN, Git, Mirrors.
Forks can't be changed.

Problem 2: Source Code

Our work is of public interest and needs to be archived
for the public good. (Art. 17.3)

Problem 3: Mailing Lists

What doesn't happen on a mailing list, did not happen.

Problems:

Authors emails are stored indefinitely
Emails are redistributed

Solutions:

Remove email - ~USD1000 cost
Individual has to contact mirrors

Problem 3: Mailing Lists

Again: our work is of public interest and needs to be archived for the public good. (Art. 17.3)

Also: S. 1 Art. 12.5: we can refuse to take action if a request is “manifestly unfounded or excessive”. We could even charge.

Double click on a field in this color to edit.

grobmeier@apache.org

Name | Christian Grobmeier

LDAP Create Date | 2009-04-06

Personal URL | <https://grobmeier.solutions>

PMCs | [commons](#)
[incubator](#)
[logging](#)
[struts](#)

Committees | (excludes PMCs listed above)

Committer | [openoffice](#)

Groups | [ap-site](#)
[committers](#)
[member](#)

non-PMCs | [brand](#)
[dataprivacy](#) (chair)

Email provider issues | Some providers are known to block our em
Please see the following for details: [email p](#)

Email forwarded to | cg@grobmeier.de

Email addresses (alt)

Email addresses (other)

grobmeier@possessed.de

grobmeier@apache.org

Problem 4: Committer “Telephonebook”

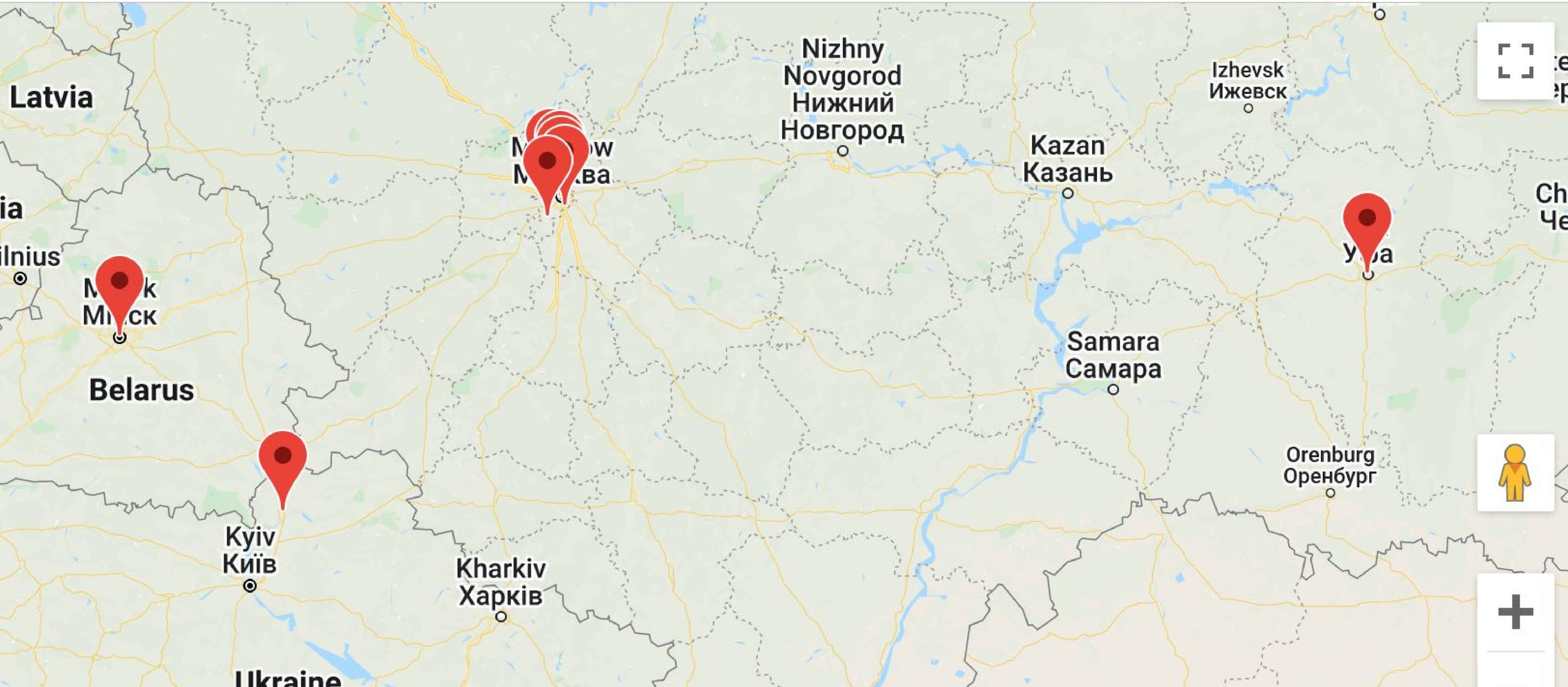
How to build a
community when
everything is private?

Many services publish your
data without explicit content
(committer index, LDAP)

How to keep data up to date?

Problem 4: Committer “Telephonebook”

What even is PI?



Problem 5: Dealing with many deletion requests

Companies like saymine.com allow bulk GDPR deletion requests.

Problem 6: Donated services

128 verified hosts (4 hosts not reachable)

Hostname	IPv4	RSA Fingerprint
agenda-vm-he-fi	65.21.158.89	EMj4WpjisdGio5yS3Yy3SA2S2AKSeMPlicoOSVnZN:
allura-vm	209.188.14.158	G1lVyvydLeiYfh+G5AB6KoTkfhVJaF/4VyQ6Jgmgv:
any23-vm2	209.188.14.140	vaZo5W+Jlg9LAEWtHP98M9ZBrTzYIqLuLkIYJzoR0l
archiva-vm	209.188.14.164	lPO540g1KD1BM6+56TIUILYm8U318M2I6B6wjDMRXl
archive-he-de	138.201.131.134	6PAsU5AWYLyTQuALsTAxisKMDrOyz4UsZMwNqSAcg!
asfbot-vm	95.217.217.132	iYheDJ+iKkD2B0pNw6MV1Oas8OHR8KjlSIxSgMJJc
backup03-he-de	65.21.139.126	hYKevg6/lx4AQbzlnirUtsdz6az+aBDtxcQXCPNmO:
bb-slave10	207.244.88.137	p5sJe0ccrnBhs/r/oYoYMsL99PLMnpj4pMJ0wJW5a:
bb-slave11	209.188.14.159	w8H42x3nV83uzDiNmKStnXNPRt/OLILEMkn3nAl11l
bb-worker1	209.188.14.143	qoJR2rNpCwkRV221Hg9aa71HHZXNH+SkCAnbBV2JB:

The ASF has many donated services. Many hosts are from the US.

Review: Key points of the GDPR

Privacy by Design



User Rights



Consent



Data breach notifications



Transparency



DPO



Thanks!

Twitter: **@grobmeier**

LinkedIn: **<https://www.linkedin.com/in/grobmeier/>**

Web: **<https://grobmeier.solutions>**

Email: **cg@grobmeier.de**

Image Credits

- Fighters: Larry Crayton https://unsplash.com/photos/4l1CwDd_Fos
- Puzzle: Markus Winkler <https://unsplash.com/photos/aYPtEknQmXE>
- Statue: [Tingey Injury Law Firm](#) <https://unsplash.com/photos/9SKhDFnw4c4>
- Key: Everyday basics <https://unsplash.com/photos/GJY1eAw6tn8>
- World: Brett Zeck <https://unsplash.com/photos/eyfMgGvo9PA>