

# Bringing ActivityPub to knowledge management with XWiki

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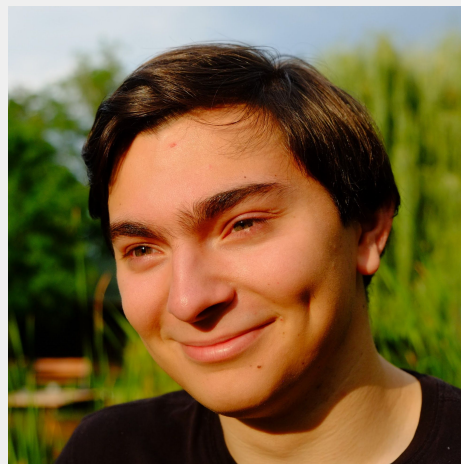


# Agenda

- ActivityPub & XWiki - Quick overview
- Context of the project
- Features & demo
- Next steps
- Final thoughts & Acknowledgments

# Who am I?

- @ XWiki SAS since 2016
- Passionate about Open Source
  - XWiki (of course :))
  - Passbolt
  - OpenFoodFacts
  - FOSDEM
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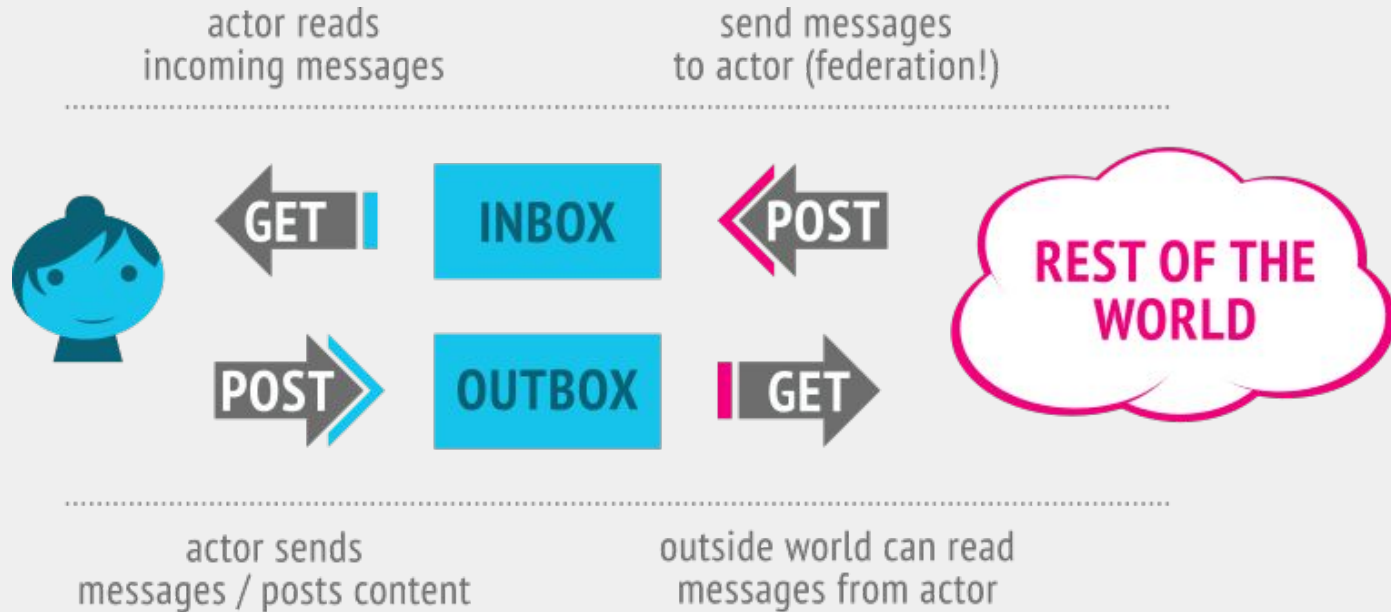


# ActivityPub - [activitypub.rocks](https://activitypub.rocks)

- Decentralized social networking protocol
- Allows the creation of federated applications
- First activity in 2016
- Recommended by W3C in early 2018



# ActivityPub - [activitypub.rocks](https://activitypub.rocks)



# Existing solutions using ActivityPub



<https://activitypub.rocks/implementation-report/>

# XWiki - [xwiki.org](https://xwiki.org)

- A wiki engine
- Structured
- Extensible
  - 700+ extensions today
- Used for ...
  - ... basic knowledge management
  - ... addressing long tail applications
  - ... business-specific use cases
- ActivityPub integration is one of the XWiki extensions

# Project context

- Project funded by the [NLnet foundation](#)
- Developed mainly by Simon Urli & Manuel Leduc
- Functional goals
  - Enable decentralized knowledge sharing
- Technical goals
  - Support cross XWiki instances
  - Follow user activity (user actor)
  - Follow the activity of a whole wiki (wiki actor)
  - Integrate with other platforms



# Functionalities

- Messaging between users
- Document sharing
- Customizable user notifications
- Remote document overview

# Demo

# Next steps

- Integrate with Nextcloud & Matomo
  - Matomo is a great example of a good ActivityPub integration
  - Nextcloud fits with the goal of knowledge sharing
- Improve the reliability of the integration
- Define new actors

# Going further

- Look at the [ActivityPub Application documentation](#)
- Learn more about [the protocol](#)
- Try it by yourself !

# Thank you !