Framasoft

Advices to new fediverse administrators and developers

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September 7 2019





Hosting an ActivityPub service is not like hosting another service



Hosting an ActivityPub service is not like hosting another service and the same goes for developing ActivityPub software.













Framasoft is a not-for-profit digital emancipation network.

Promotion, dissemination and development of free software



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- ▶ 35 members in the organization, including 9 employees



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- We currently host more than 30 freely available web services (including a Mastodon instance)
- We publish two ActivityPub softwares:
 - PeerTube, a YouTube alternative
 - Mobilizon, a Facebook events/Meetup alternative (not released yet)





Let me introduce myself.





SysAdmin at Framasoft



- SysAdmin at Framasoft
- Perl developer



- SysAdmin at Framasoft
- Perl developer
- ActivityPub enthusiast



- SysAdmin at Framasoft
- Perl developer
- ActivityPub enthusiast
- Not involved in PeerTube or Mobilizon development



You have an open instance? Moderate! With great power comes great responsability.



You have an open instance? Moderate!

With great power comes great responsability. Well, even if it's a closed instance, but in that case, it's easier, unless it's a huge one.





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It's almost vital to have more than one moderator

Think about the bus factor



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- Think about the bus factor
- People take vacations



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- Think about the bus factor
- People take vacations
- Avoid burnout



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- Think about the bus factor
- People take vacations
- Avoid burnout
- ► If in doubt about a report, you can ask the other moderators for their opinion





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- You will have a document to refer to if people disagree with your moderation's policy (it won't cover every case, but will still be useful)
- Moderators' work will also be eased by being able to refer to it for judging reports





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- People may not read an entire thread before reacting (the thread may even not be finished)
- Interactions may be done with different softwares, thus not with the same limitations

Our advices for instance administrators SysAdmin



1. Know your limits



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 Don't open registration if you don't know if you want and can maintain the service for a long time



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- Or display a big warning on the registration page



1. Know your limits

- Don't open registration if you don't know if you want and can maintain the service for a long time
- Or display a big warning on the registration page
- If you open registrations, make the level of service explicit when people register





- 2. Do your job seriously
 - Backup your data on a distant server



- Backup your data on a distant server
- Test your backups



- Backup your data on a distant server
- Test your backups
- Supervize your service



- Backup your data on a distant server
- Test your backups
- Supervize your service
- Supervize your backups



- Backup your data on a distant server
- Test your backups
- Supervize your service
- Supervize your backups
- Supervize the expiration date of your certificates

Our advices for instance administrators $_{\scriptscriptstyle Misc}$



3. Misc

Our advices for instance administrators Misc



3. Misc

 Having a description of your instance will help people know if it suits their needs



3. Misc

- Having a description of your instance will help people know if it suits their needs
- Don't have money? Politely ask your users if they can help :-) (Liberapay is a good platform for that)

Our advices for developers



1. Moderation

Our advices for developers



1. Moderation (yes, again)



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Look at the moderation tools implemented by other federated softwares



1. Moderation (yes, again)

- Look at the moderation tools implemented by other federated softwares
- Ask your community for what they want to see implemented



1. Moderation (yes, again)

- Look at the moderation tools implemented by other federated softwares
- Ask your community for what they want to see implemented
- Implement moderation feedback, to let people know what action has been taken for their reports



2. A secret life is a happy life



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Avoid to communicate about your software with your own account on social media: create an account @your-software instead of using @you



2. A secret life is a happy life

- Avoid to communicate about your software with your own account on social media: create an account @your-software instead of using @you
- ActivityPub is a protocol for making social media (and more, but still): this is where conflicts may be fast and furious, even more when users use the very software that you develop

Our advices for developers $_{\mbox{\tiny Misc}}$



3. Misc

Our advices for developers Misc



3. Misc

 Design your settings and their default value with care, as it will impact the experience for everyone

Our advices for developers $_{\mbox{\tiny Misc}}$



3. Misc

- Design your settings and their default value with care, as it will impact the experience for everyone
- Find a way (banner, emails...) for admins to easily announce something to all of their users





Questions?





- https://framasoft.org
- https://en.wikipedia.org/wiki/Framasoft
- https://degooglisons-internet.org
- https://contributopia.org
- https://joinpeertube.org
- https://joinmobilizon.org
- https://liberapay.com/
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