

# Free and Open Source Software - Collaboration

**Felix Delattre**

# Free and Open Source Software

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- The freedom to study how the program works, and change it so it does your computing as you wish.\*

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*\* Access to the source code is a precondition for this.*



# History of copyright

- 18th century - England - Statue of Anne - Printing press - 14 years

# History of copyright

- 19th century - Most European countries - Printing press - ~ 50 years

# History of copyright

- 20th century - Almost the whole world - All kind creative work - At least 50, mostly around 100 years after death of the author.

# Restriction is the normality

- All creative work is is protected by copyright.
- By default: "All rights reserved".
- Copyright owners eventually opt-out of full restriction.

# **Member states of the World Trade Organization**

# History of Free and Open Source Software

- Mid of 20th century - Universities collaborate on technology

# History of Free and Open Source Software

- 1970s - Private companies start selling Software

# History of Free and Open Source Software

- 1980s - A movement of Open Source activists is born.

# Licenses

- A formal and legal definition of usage rights.
- Commercial and Open Source licenses.

# Opportunities

- Learn how to fish
- Business models for everybody
- International communities

# Coordination: Issue queues

- Communication and planning
- Coordination of development
- Tasks
- Open for everybody and transparent

# Coordination: Issue queues

[github.com/k-box/k-box/issues](https://github.com/k-box/k-box/issues)

29 Open ✓ 17 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾

🚩 **[Improvement] Make it easier to copy the link to a document**

#73 opened 11 days ago by shenriod

🚩 **Compliance with the EU GDPR: ask for user's consent to store his / her personal data + remove consent + download personal data**

#69 opened 17 days ago by shenriod

🚩 **[????] Un-publish documents**

#64 opened 25 days ago by shenriod

🚩 **[Enhancement] Improve the preview of publicly supported documents** enhancement help wanted

#63 opened 28 days ago by shenriod

🗨️ 5

🚩 **[Enhancement] Enhance the results from a K-Box / K-Link search with open data / information**

#62 opened on Apr 13 by shenriod

🚩 **[Enhancement] Increase the time during which a document is highlighted**

#57 opened on Mar 7 by shenriod

🚩 **Link in the text of a license to be opened in a new tab** enhancement help wanted

#56 opened on Mar 7 by shenriod

🗨️ 1

🚩 **[Enhancement] Editing of documents**

#52 opened on Feb 27 by shenriod

🚩 **Detail panel on the preview page of a public document** bug

#51 opened on Feb 26 by shenriod

🗨️ 1

🚩 **Search documents based on their metadata**

#46 opened on Feb 19 by shenriod

🚩 **Error message when the session of the user has expired**

#44 opened on Feb 14 by shenriod

🚩 **[Bug] Language of a document wrongly displayed in the document panel and on the preview page**

#42 opened on Feb 13 by shenriod

# Coordination: Code

## Version Control Systems

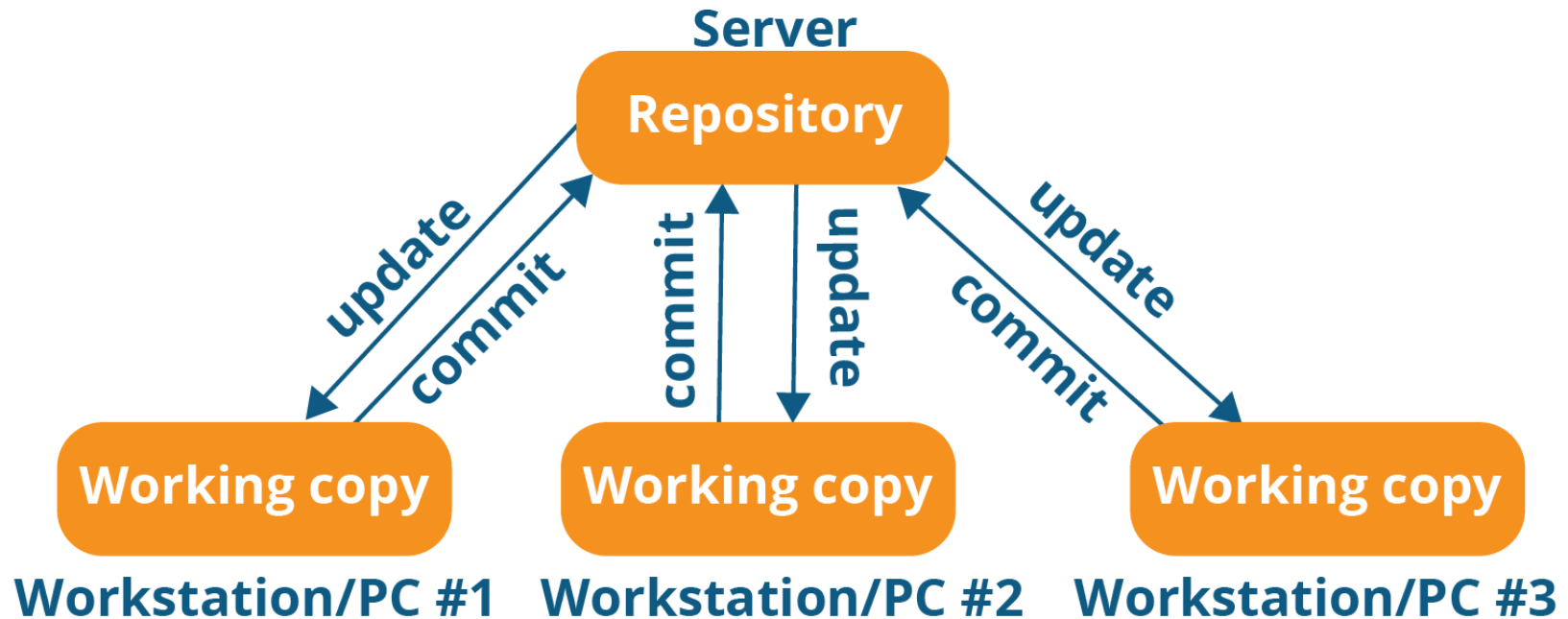
- Collaborative programming
- Resolving eventual conflicts
- Control the code (and it's changes)

# Version Control Systems

```
37 resources/lang/tg/administration.php View
☞ 00 -22,10 +22,10 00
22 22      'mail'=>'Почта',
23 23      'update'=>'Навсозй ва барқарорсозй',
24 24      'maintenance'=>'Таъмир ва чорабиниҳо',
25 -      'institutions'=>'Муассисаҳо/Ташкилотҳо',
25 +      'institutions'=>'Муассисаҳо/Ташкилотҳо',
26 26      'settings'=>'Танзимотҳо',
27 27      'identity' => 'Муайян кардан',
28 -
28 +      'licenses' => 'Иҷозатномаҳо',
29 29      ],
30 30
31 31      'accounts' => [
☞ 00 -48,7 +48,7 00
48 48
49 49          'email' => 'Почта',
50 50          'username' => 'Логин',
51 -          'perms' => 'ҳуқуқҳои дастрасӣ',
51 +          'perms' => 'Ҳуқуқи дастрасӣ',
52 52
53 53          'cancel' => 'Бекор кардан',
54 54
☞ 00 -275,5 +275,36 00
275 275      'contact_info_updated' => 'Маълумот барои тамос сабт шуд.',
276 276      'update_error' => 'Маълумот барои тамос навсозй нашуд. :error',
277 277      ],
278 +
279 +      'documentlicenses' => [
280 +
281 +          'no_licenses' => 'Барои ин К-Вох литсензияи дастрас вучуд надорад.',
282 +          'view_license' => 'Литсензияро бинед',
283 +          'default_configuration_notice' => 'Ҳуқуқи муаллиф дар пешфарзи танзимот зери "Ҳама ҳуқуқҳо ҳифз шудаанд" муқарра
284 +
```

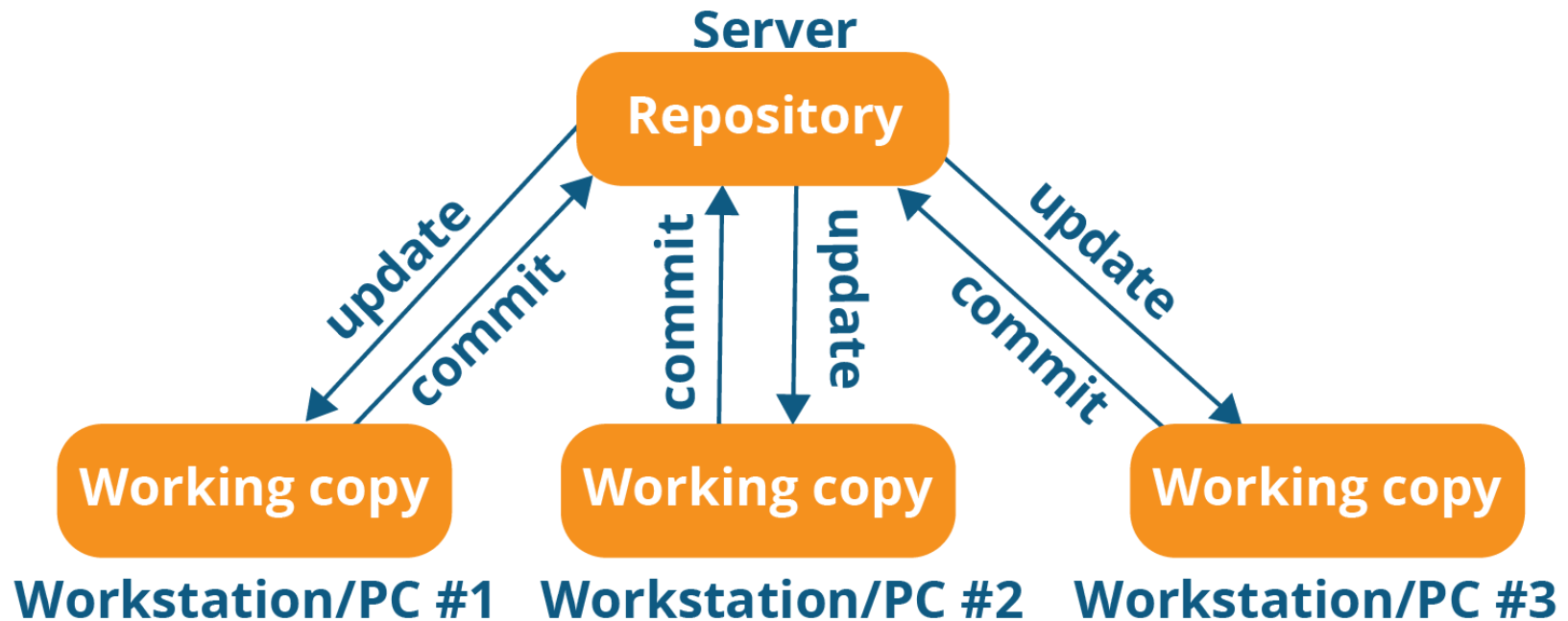
# Centralized version control system

Centralized version control system

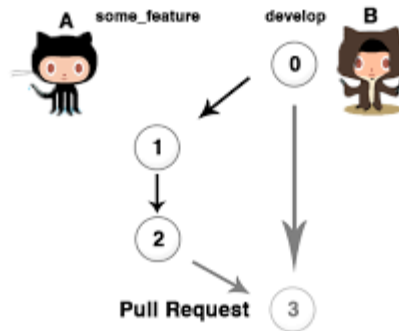


# Decentralized version Control Systems

Centralized version control system



# Git: Pull request



# K-Link and K-Box repositories

- K-Box: [github.com/k-box/k-box](https://github.com/k-box/k-box)
- K-Link: [github.com/k-box/k-box](https://github.com/k-box/k-box)

