

Git 101

Tomáš Kramár

@tkramar

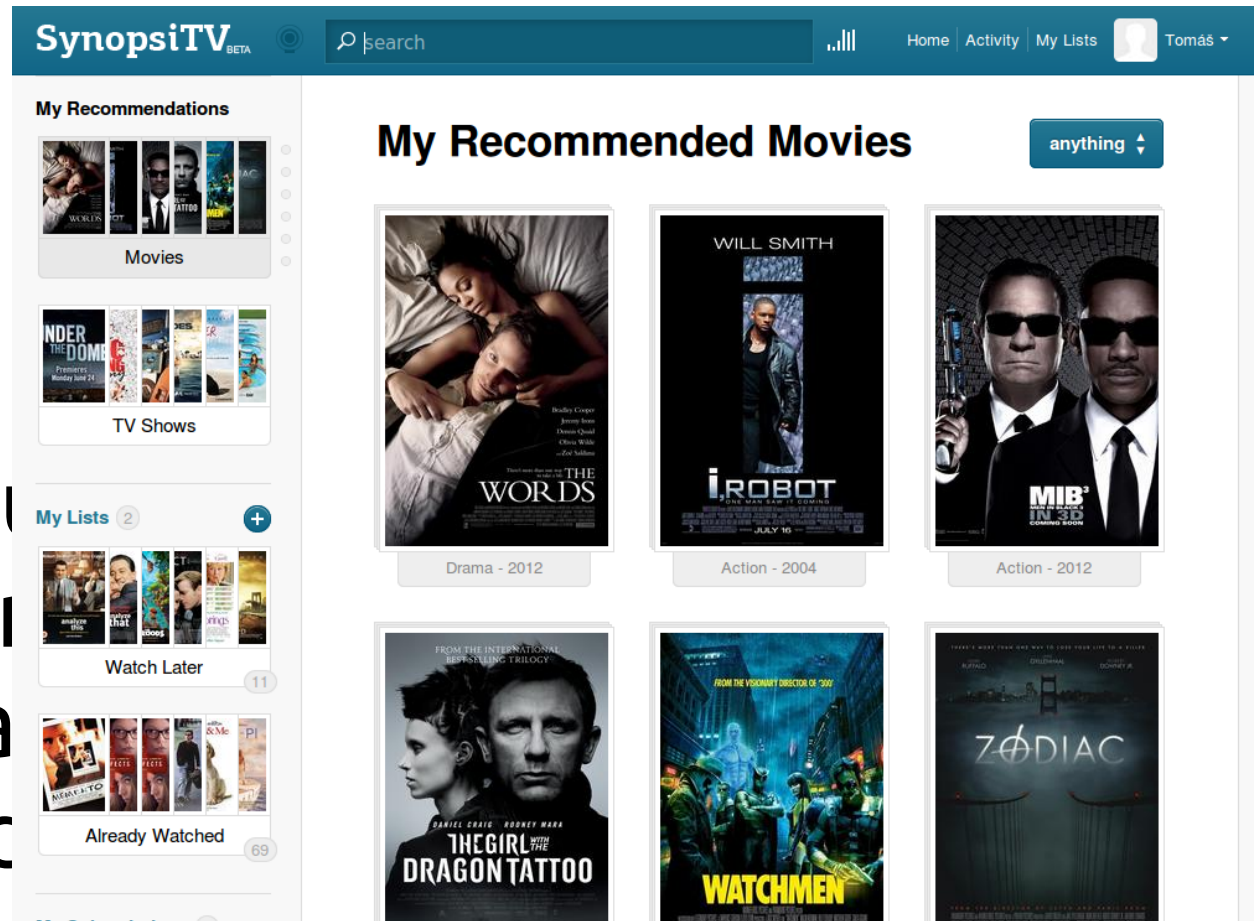
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About me

- FIIT STU
 - PhD student - personalized search
 - Teaching courses
 - Database Systems
 - Building Web Applications
- minio, s.r.o.

About

- FIIT STU
 - PhD student
 - Teaching Assistant
 - Data Science
 - Building



- minio, s.r.o.

About

- FIIT ST

- PhD

- Tea

- D

- B

- minio, s.r.o.

SynopsiTVBETA

search

HomeActivityMy ListsTomáš

My Recommendations

My Recommended Movies

anything

Otvorené zmluvy

Výhody Otvorených zmlúv | O projekte | FAQ | RSS | Ako môžem pomôcť | Prihláste sa alebo sa Registrujte

Späť na vyhľadávanie

Názov

Nájomná zmluva - k. ú. Zvolen - prenájom časti pozemku za účelom umiestnenia tabule informačného systému

Rezort

Ministerstvo životného prostredia SR

Objednávateľ

SPOTLIGHT, s.r.o.

Dodávateľ

Slovenský vodohospodársky podnik, štátny podnik (vek neznámy)

Cena

264 €

Dátum zverejnenia

13.06.2013

Dátum účinnosti

14.06.2013

Dátum platnosti do

31.12.2017

Pôvodný dokument

[Odkaz na pôvodný dokument](#)

Súvisiace dokumenty

Na pridanie súvisiaceho dokumentu musíte byť prihlásený.

Diskutovať

0

Nahlásiť

0

Vložiť zmluvu

Pači sa mi to

Tweet

0

+1

0

Hľadať v dokumente

Ohodnoťte túto zmluvu

Definuje dokument vo svojej zverejnenej podobe jasne, čo je jeho predmetom (za čo presne sa platilo)?

áno

nie celkom

nie

neviem posúdiť

Je zrejmé koľko presne bude stať celá zákazka?

áno

je uvedený iba maximálny limit

nie

neviem posúdiť

808/2013-PR - 217.21 kB

ScanFulltextPoznámky (0)Zobraziť

1 / 6

NAJOMNÁ ZMLUVA

izavretá podľa § 663 a nasl. zákona č. 40/1964 Zb, Občianskeho zákonníka
znení neskorších predpisov medzi zmluvnými stranami:

About

< govdata.sk >

Všetky dôležité informácie o subjektoch na Slovensku. Vyše **1.200.000** firiem, živnostníkov, organizácií a nadácií. Cez **100.000** dlhov a nedoplatkov, **350.000** obstarávaní a zmlúv, ako aj množstvo ďalších doplňujúcich informácií.

Poskytujeme [zoznamy firiem a subjektov](#) podľa zvolených kritérií ako aj [pravidelný odber dát](#).

Mám záujem o prístup k dátam

[Rozsiahle](#), [denne aktualizované](#), [štruktúrované](#), [prečistené](#) a [poprepájané](#) dáta a rozumným API od programátorov, ktorí s nimi pracujú už roky.





Rubyslava

A Programmer's Best Friend Meetup in Bratislava

Academic Edition

Theory most of us only seen at school, this time in real world projects.

- Semantic search in databases
- Installation plan decomposition
- Fast similarity search
- Learning to rank fulltext results from clicks



Rubyslava

A Programmer's Best Friend Meetup in Bratislava

18.7.2013 19:00

@rubyslava

<http://rubyslava.sk>

1. SCM

Source Control Management

**What
The
Fuck?**

```
* 9f3489a (2 weeks) <Tomas Kramar> (HEAD, origin/master, master) Fix order of arguments
* 079164b (2 weeks) <Tomas Kramar> Parse additional data from ORSR
* c31886e (4 weeks) <Tomas Kramar> Deduplicate a bit
* def9db8 (4 weeks) <Tomas Kramar> ||= won't cache boolean values
* 84e1a85 (4 weeks) <Tomas Kramar> Fail ORSR parsing when encountering unknown part
* 31a204e (4 weeks) <Jan Suchal> Added basic rate limiter.
* 1940394 (5 weeks) <Jan Suchal> Added a shitload of special cases cleanup, fixes #601.
* 0bdfa4f (5 weeks) <Jan Suchal> Handle nil address.
* 1f04de9 (5 weeks) <Tomas Kramar> Limit max-width to 950px
* 734805f (5 weeks) <Tomas Kramar> Show more data in admin
* 1c14bd3 (5 weeks) <Tomas Kramar> Remove forgotten puts
* 5cd43fd (5 weeks) <Tomas Kramar> Parse shares from section "Akcje"
* 5cfc620 (5 weeks) <Tomas Kramar> Clean up extract update
* c6f0fce (5 weeks) <Jan Suchal> Index ICOs with leading zeros.
* 81b4eef (5 weeks) <Jan Suchal> Ignore spaces in ico search.
* dbdb13d (5 weeks) <Jan Suchal> Remove spaces from regis address.
* 0038ca8 (5 weeks) <Jan Suchal> Add address cleaning to consolidation.
* 779b9f9 (5 weeks) <Jan Suchal> Add euvat to autoform if applicable.
* 615f605 (5 weeks) <Jan Suchal> Remove the duplicated value from response by using typeahead.js right.
* 9bbfafb (5 weeks) <Jan Suchal> Added private or public key with signature authorizer.
```

**Why
Should I
Care?**



bifrost



bifrost_2



bifrost_11052009



bifrost_11052009
(copy)



bifrost_21032009



bifrost_before_ttl



bifrost_new

- History
- Safety Net
- Backup
- Collaboration
 - Sharing changes
 - Project overview
 - Conflicts
- Development alternatives
- Statistics

**Which SCM
Should I
Use?**

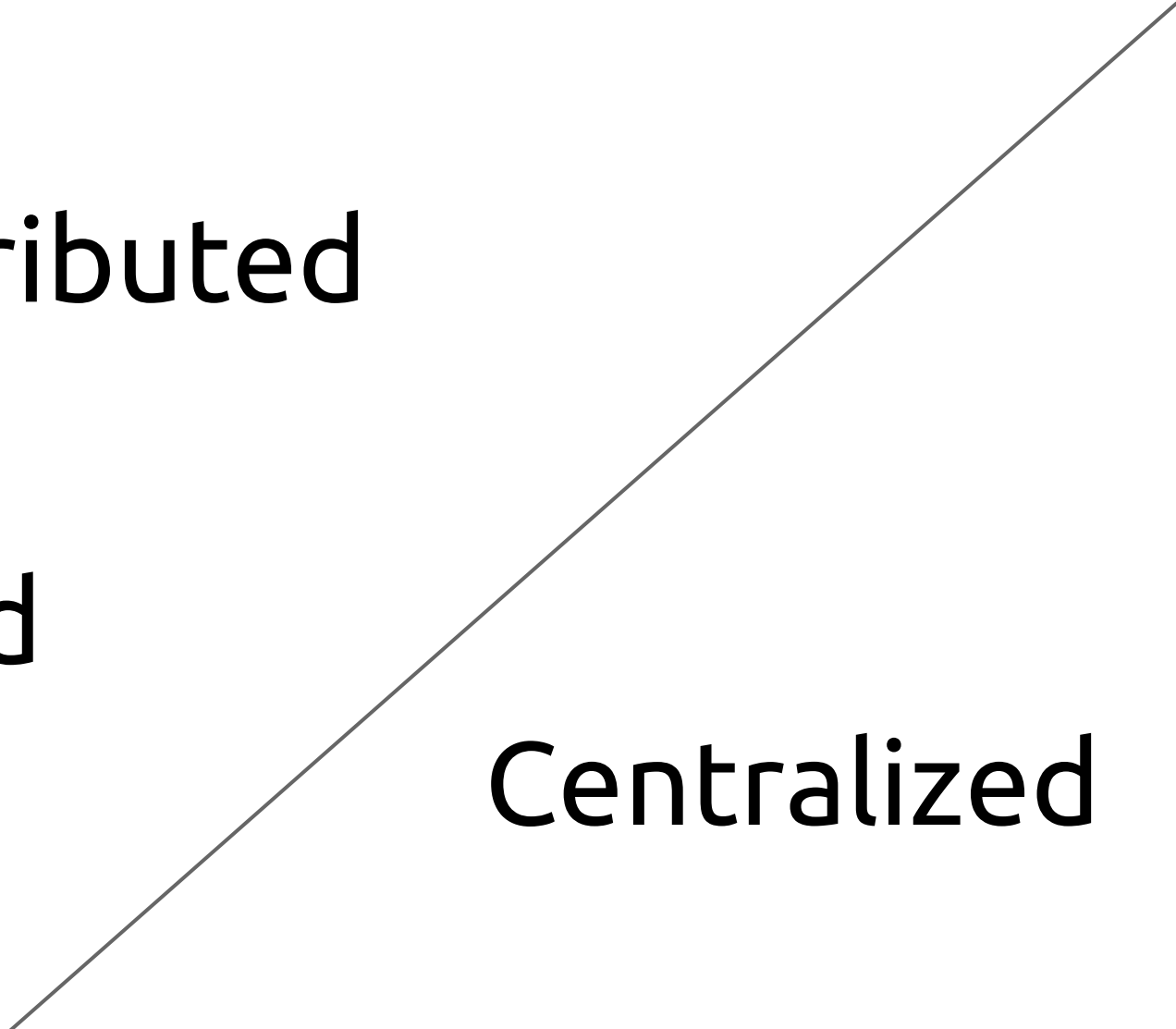
Distributed

Distributed

Distributed

Distributed

Centralized

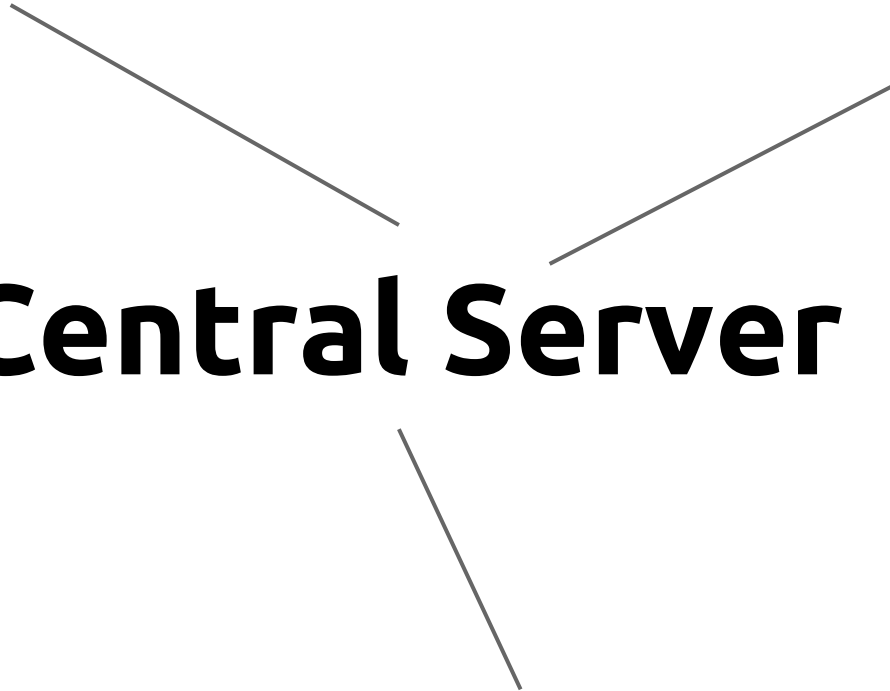


Client

Client

Central Server

Client

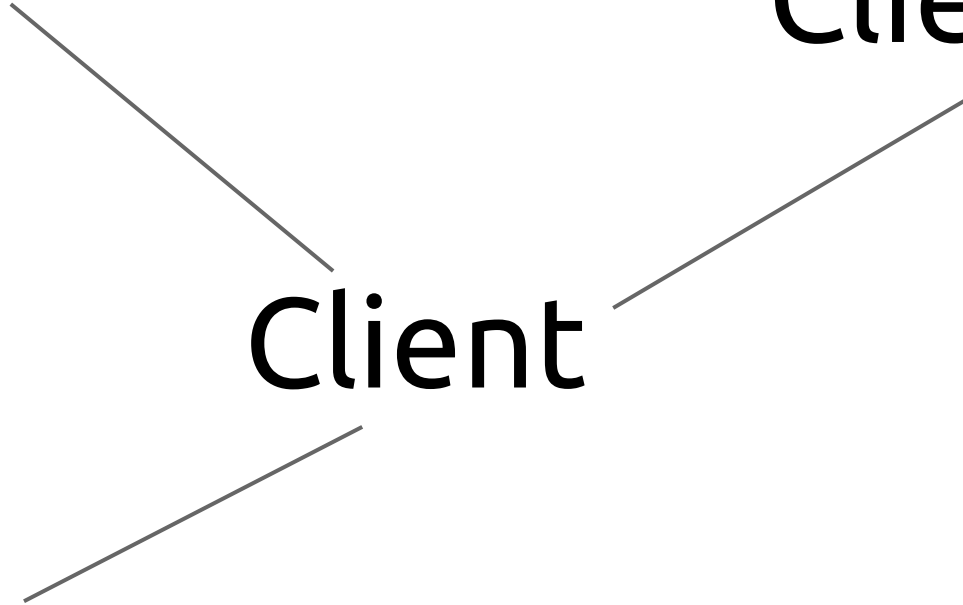


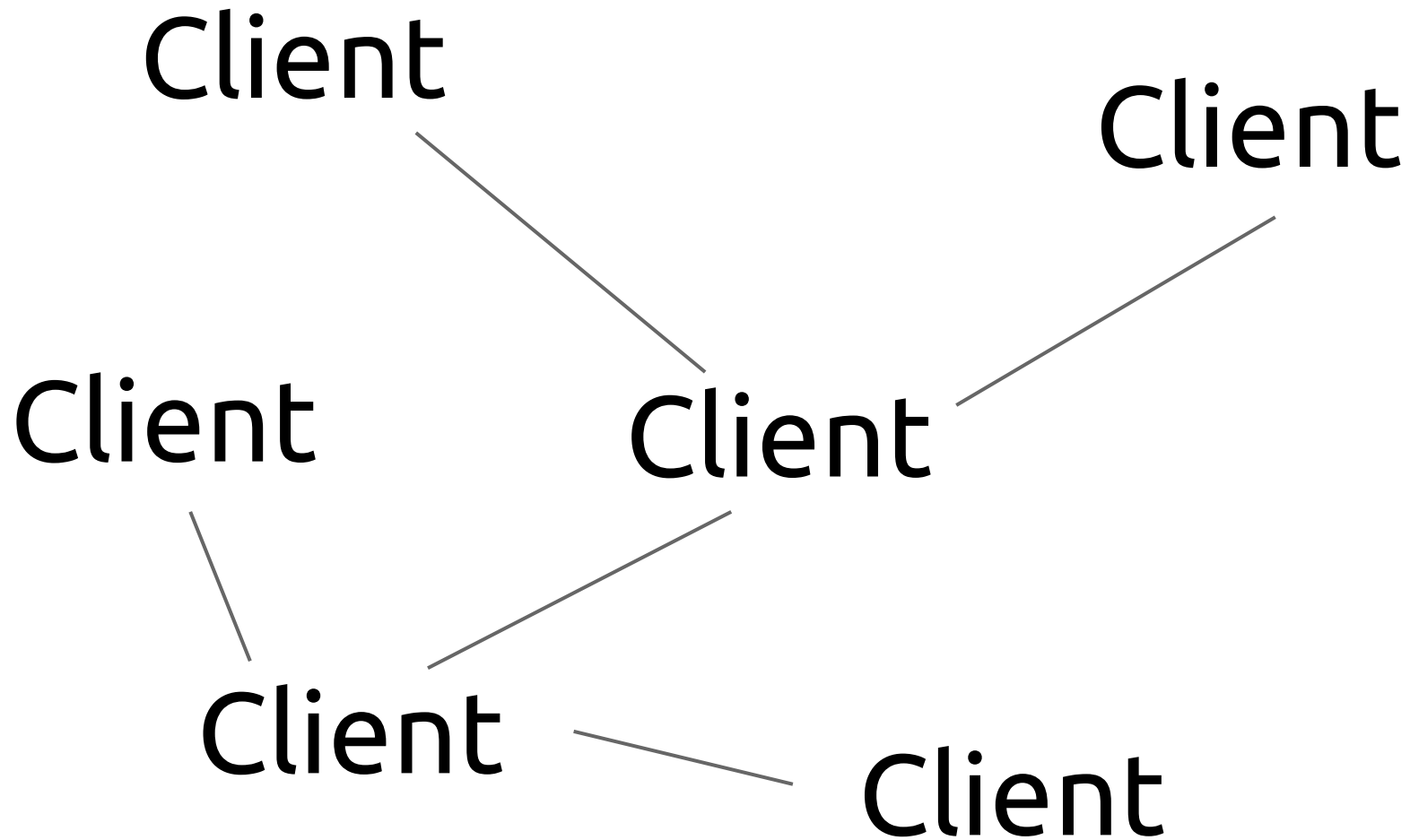
Client

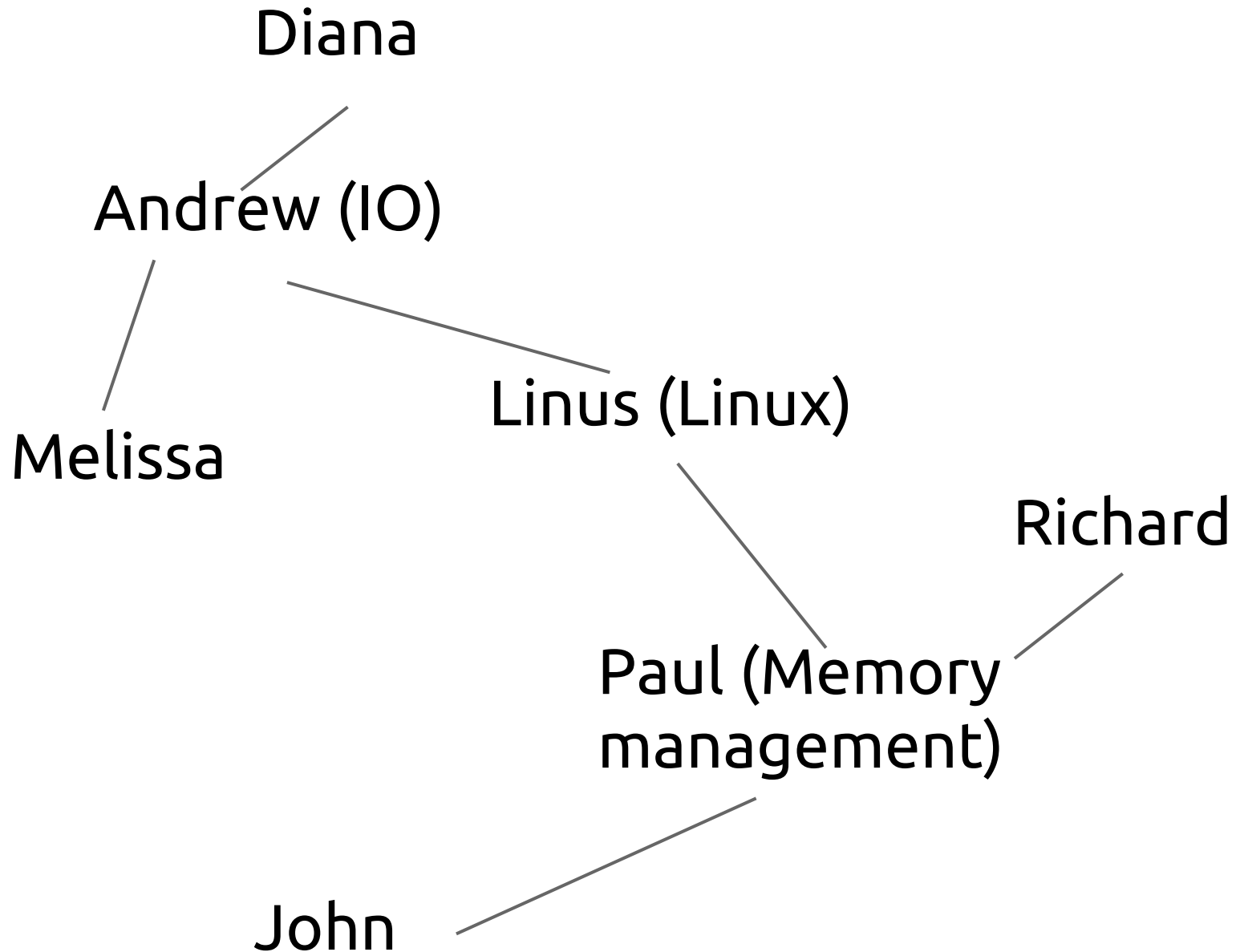
Client

Client

Client







Choose distributed

Offline work

Fast!

Make mess, clean up, publish

Workflow

#2. Git

Minimum

```
> git init
```

```
> git status
```


> git add main.py

> git add .

> git add app/*.py

> git add -i

Use

The Shell

Luke



```
> git rm main.py
```

```
> git add -i
```

```
> git add -all
```

```
> git diff
```

```
> git diff main.py
```

> git commit

> git commit -m "Initial
commit"

> export EDITOR=vim

```
> git commit  
--ammmend
```



```
> git log
```

```
> git show <rev>
```

```
> vim ~/.gitignore
```

Try it.



init, status, add, rm, diff,
commit, log, show
> man git init

Synchronizing

```
> git remote add  
  <name> <url/>
```

```
> git push <name>
```

**If only there was a
way to have a
convenient public
repository.**

If only there was a



na **GitHub**

repository





This repository

Search or type a command



Explore

Gist

Blog

Help



kremso



PUBLIC



kremso / serenity

Unwatch

Unstar

73

Fork

11

Embedded ruby for Open Office documents. You provide .odt template and data and Serenity generates the document. Great for creating dynamic reports. — Edit

68 commits

1 branch

0 releases

4 contributors



branch: master

serenity



Merge pull request #8 from tdgs/master



kremso authored a year ago

latest commit 2b497ee19e



fixtures	Greek (and possibly UTF) support	a year ago
lib	Greek (and possibly UTF) support	a year ago
pkg	Bump to 0.2.0	3 years ago
showcase	Do not remove whitespace as it is causing troubles	3 years ago
spec	Greek (and possibly UTF) support	a year ago
.gitignore	ignore vim swap files	a year ago
Changelog	Bump version to 0.2.1	3 years ago
LICENSE	Added license	3 years ago
README.md	Minor readme fixes	3 years ago
Rakefile	Bump version to 0.2.1	3 years ago

README.md

<> Code

Issues

6

Pull Requests

1

Pulse

Graphs

Network

Settings

SSH clone URL

git@github.com:kremso



You can clone with [HTTPS](#), [SSH](#), [Subversion](#), and [other methods](#).



Download ZIP

> git clone <*url*>

```
> git pull <name>
```

Try it.



<http://github.com>

remote add, push, pull,
clone

**Synchronizing
will get you
into trouble.**

**Conflicts
happen.**

Try it.



1. Try to push while someone changed remote.
2. Pull commit, which changes the same file as you did.

Git will auto-merge if it
can.

> git mergetool

... if it cannot

May I recommend
meld?

Try it.



push, pull, mergetool
(meld)

Branches

```
> git branch
```

> git branch bugfix

> git checkout bugfix

```
> git checkout -b bugix
```


> gitk

Try it.



1. Create branch, commit changes.
Change to master, see log.
2. Compare master with new branch.

Try it.



1. Create branch, commit changes.
Change to master, see log.
2. Compare master with new branch.
git diff master..bugix

Try it.



1. Merge branch into master.
2. Delete branch (+ from remote)

Try it.



1. Merge branch into master.
2. Delete branch (+ from remote)

git branch -d bugfix

git push origin :bugfix

#3. Git

Workflow

Commandments

1. Master should be stable.
 - What happens when you need to ship critical bugfix and master contains new unfinished features?
2. Code should be reviewed.

New branch per bugfix.

New branch per feature.

1. Code
2. Get feedback
3. Adapt
4. Repeat 2.
5. Merge into master

Try it.



1. Create pull-request on github.com.
Review code. Iterate. Merge.

#4. Best Practices

branch: master

dbb / Commits

Jun 20, 2013



S

neonosos authored 20 days ago

fb80b9624c



Browse code



S

neonosos authored 20 days ago

ad4745b12d



Browse code

Jun 19, 2013



S

neonosos authored 21 days ago

0106c1ae6e



Browse code



S

neonosos authored 21 days ago

59410a5015



Browse code



S

neonosos authored 21 days ago

1c62cce3b6



Browse code



S

neonosos authored 21 days ago

187358f5d4



Browse code



S

neonosos authored 21 days ago

feab3487da



Browse code



S

neonosos authored 21 days ago

efd65529ce



Browse code



S

neonosos authored 21 days ago

447ff02f7c



Browse code



S

neonosos authored 21 days ago

8f7b09cd02



Browse code

Jun 20, 2013



Update database.yml

jsjs authored 21 days ago

a5ef764f34 ▾

[Browse code ➔](#)



final10

jsjs authored 21 days ago

5ec5ddea72 ▾

[Browse code ➔](#)

Jun 17, 2013



final7

jsjs authored 23 days ago

3876a47fe6 ▾

[Browse code ➔](#)



final6

jsjs authored 23 days ago

373c05484b ▾

[Browse code ➔](#)



final5

jsjs authored 23 days ago

f0d1daa490 ▾

[Browse code ➔](#)



final4

jsjs authored 23 days ago

597898a95c ▾

[Browse code ➔](#)



final3

jsjs authored 23 days ago

62b1a7e317 ▾

[Browse code ➔](#)



final2

jsjs authored 23 days ago

ba2bb1bbb4 ▾

[Browse code ➔](#)



final1

jsjs authored 23 days ago

564aae1f74 ▾

[Browse code ➔](#)

May 15, 2013



Initial commit

jsjs authored 2 months ago

ccf1068140 ▾

[Browse code ➔](#)

Write good commit messages.

Explain what happened. Why it happened.

One-line summary, blank line, and then explain.

One commit = one change.

Using word "and" in commit summary is a bad smell.

Setup your git name and email.

```
vim .gitconfig
```

```
[user]
```

```
name = Tomas Kramar
```

```
email = kramar.tomas@gmail.
```

```
com
```

Do it.



1. Setup your git name and email.

**Don't commit commented
code.**

You have git history.