

PHP USERGROUP

DRESDEN



09.12.2016 • CLOUDSTERS DRESDEN • X-MAS ISSUE BASH '16 • PHP USERGROUP DRESDEN e.V.

X-MAS ISSUE BASH '16

COMMIT MESSAGES



WARUM ?

Jedes Software-Projekt ist ein gemeinschaftliches Projekt.

Jedes Software-Projekt hat mindestens 2 Entwickler.



der ursprüngliche Entwickler



der ursprüngliche Entwickler
ein paar Monate später

WARUM ?

Szenario 1 - The Bug

Du sucht
einen Fehler,
und erkennst, das er sich
seit Revision ABC
in der Codebase befindet.

Du willst wissen, **was**
Revision ABC
vermeintlich **tun soll.**

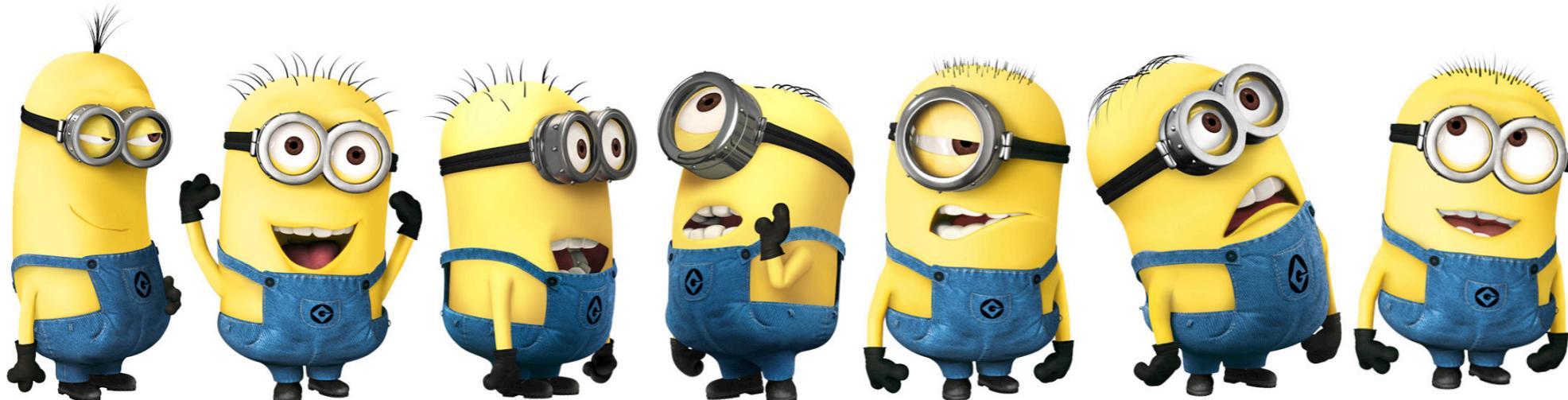


WARUM ?

Szenario 2 - The Community

Ein **Issue** kann auf
verschiedene Arten
implementiert werden.
Der Entwickler soll
erklären:

Warum
er das Issue in
Revision ABC
auf diese Art
implementiert hat.



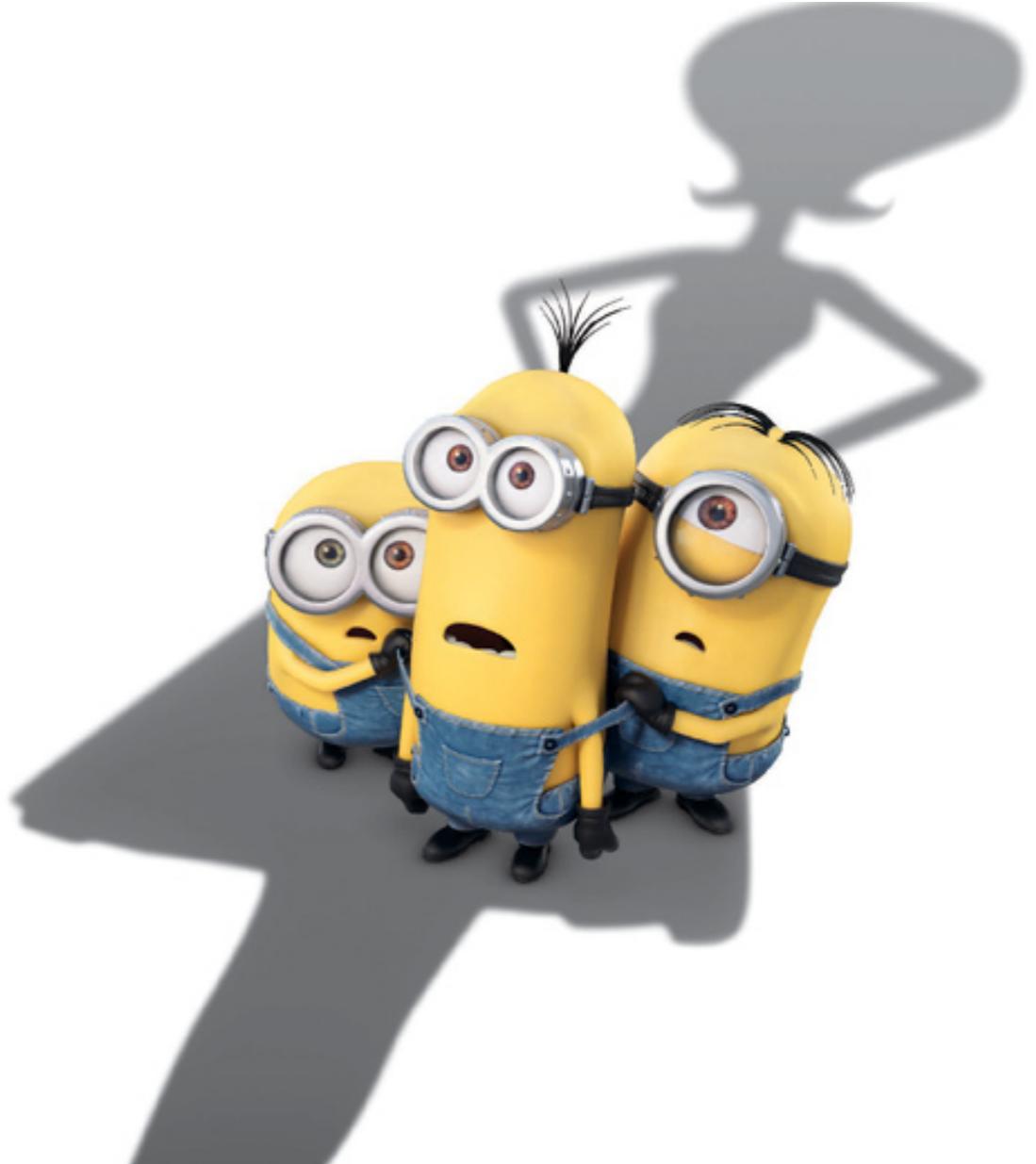
WARUM ?

Szenario 3 - The boss

Dein **Chef** will wissen
warum eine bestimmte
Funktionalität hinzugefügt wurde.

Du siehst, dass die
Funktionalität seit
Revision ABC
im Code ist.

**Warum wurde Revision ABC
hinzugefügt.**



SCHLECHTE BEISPIELE

dfe4c3e **Staging**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

af0a3bb More staging fixes

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

e5a524a More staging setup

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

1990ba **More**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

0841841 **More fixed**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

dffb0db **Again**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

8a0f74c Updated scripts

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

587a09c deploy script cleanup

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

9f474bc More staging

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

3ee25cd

Read from env file

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

0328c7c **again**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

d5e07c7

whoops

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

0536fc7

Again

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

8af6da0

More

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

9052cb8 **Again**

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

7587f8b Working?

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



SCHLECHTE BEISPIELE

9770886 g

○ add mouseover to calendar nav	2010-10-20 23:24:31	ce13aa97c70e0daa71
○ home ui updates	2010-10-20 23:21:43	bb35ac9773cf46dfc5
○ fixed global nav design	2010-10-20 16:36:16	e414fddbb38710d18
○ Another fix	2010-10-21 10:46:58	67334f8448cd96c4af
○ g	2010-10-21 10:45:38	977088672ac2a88e7
○ Working?	2010-10-21 10:44:48	7587f8b9a54e33a39
○ Again	2010-10-21 10:35:55	9052cb830ceda967d
○ More	2010-10-21 10:34:03	8af6da0e81f450dbed
○ Again	2010-10-21 09:59:18	0536fc72ac3bba12f1
○ whoops	2010-10-21 09:58:36	d5e07c7a3e93948d2
○ again	2010-10-21 09:55:55	0328c7c9a7ceca82fe
○ Read from env file	2010-10-21 09:54:05	3ee25cdf2333655e1c
○ Again more staging	2010-10-21 09:36:45	c3f7275c16c1257eb
○ More staging	2010-10-21 09:35:11	9f474bca9fc14c1d90
○ deploy script cleanup	2010-10-21 02:55:59	587a09c3820474789
○ Updated scripts	2010-10-21 02:42:02	8a0f74ce4a18b1be2c
○ Again	2010-10-21 02:18:37	dffbd0dba0b2098c057
○ More fixed	2010-10-21 02:16:01	08418418a4d0255c8
○ More	2010-10-21 02:13:21	19900ba55cc48f325e
○ More staging cap setup	2010-10-21 01:23:04	e5a524a33e0370ec2e
○ More staging fixes	2010-10-21 00:37:18	af0a3bb00234ba134
○ Staging	2010-10-21 00:22:18	dfe4c3eafc3f3d15671
○ Removed buttons	2010-10-20 11:02:53	7548819621eac3aae1
○ Revert "per page pagination i...	2010-10-20 15:48:30	e474c51098ab1fcfb9
○ per_page_pagination_in_progress	2010-10-20 13:27:46	45f94ec17fbfa2e72e1

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>

MEHR SCHLECHTE BEISPIELE

fuck git

<https://speakerdeck.com/rmm5t/do-your-commit-messages-suck>

<https://github.com/AndrewVos/github-statistics/blob/master/profanity.yml>



MEHR SCHLECHTE BEISPIELE

Commit Logs From Last Night x Ralf
www.commitlogsfomlastnight.com

Commit Logs From Last Night

because real hackers pivot two hours before their demo

The screenshot shows a list of commit logs from various users, each with a small profile picture, the user's name, the date and time of the commit, and a brief description of the commit message. The commits are listed vertically, separated by horizontal lines.

- fixique 12/09/16 10:56 AM Full project without shit
- mchang6137 12/09/16 10:44 AM just a shit load of things
- bananpeng98 12/09/16 10:43 AM Debug shit
- folafsson 12/09/16 10:39 AM Still messing around with the reserve table and some shit
- tinabrunner 12/09/16 10:38 AM deleted unused shit
- JG-Ehmsen 12/09/16 10:37 AM Manually added libraries because fuck github
- faddat 12/09/16 10:00 AM trying more shit
- qqfordayz 12/09/16 10:00 AM made pipes and shit work
- faddat 12/09/16 9:57 AM trying some shit

This thing tweets at @CLFLN
Created by @abestanway
Watch the video!

GET
A NEW
\$#!%*ing
JOB

HIRE

SCHLECHTE BEISPIELE

	COMMENT	DATE
O	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
O	ENABLED CONFIG FILE PARSING	9 HOURS AGO
O	MISC BUGFIXES	5 HOURS AGO
O	CODE ADDITIONS/EDITS	4 HOURS AGO
O	MORE CODE	4 HOURS AGO
O	HERE HAVE CODE	4 HOURS AGO
O	AAAAAAA	3 HOURS AGO
O	ADKFJSLKDFJSOKLFJ	3 HOURS AGO
O	MY HANDS ARE TYPING WORDS	2 HOURS AGO
O	HAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

WIE ?

Commit Guidelines

Getting in the habit of creating quality commit messages makes using and collaborating with Git a lot easier.



<https://git-scm.com/>

<https://git-scm.com/book/ch5-2.html#Commit-Guidelines>

7 REGELN

1. Leerzeile trennt Subject und Body
2. Begrenzung Subject auf 50 Zeichen
3. Subject beginnt mit einem Großbuchstaben
4. Subject ohne Satzzeichen am Ende
5. Imperativ schreiben
6. Body Textumbruch bei 72 Zeichen
7. Body Inhalt: Was, Warum, Wie

<http://chris.beams.io/posts/git-commit/>

1. LEERZEILE TRENNNT SUBJECT UND BODY

Subject

Short (50 chars or less) summary of changes

Body

More detailed explanatory text, if necessary. Wrap it to about 72 characters or so. In some contexts, the first line is treated as the subject of an email and the rest of the text as the body. The blank line separating the summary from the body is critical (unless you omit the body entirely); tools like rebase can get confused if you run the two together.

Further paragraphs come after blank lines.

DISCUSSION

Though not required, it's a good idea to begin the commit message with a single short (less than 50 character) line summarizing the change, followed by a blank line and then a more thorough description. The text up to the first blank line in a commit message is treated as the commit title, and that title is used throughout Git. For example, [git-format-patch\[1\]](#) turns a commit into email, and it uses the title on the Subject line and the rest of the commit in the body.

<http://chris.beams.io/posts/git-commit/>

1. LEERZEILE TRENNT SUBJECT UND BODY

Nicht jeder Commit benötigt einen Body.

Fix typo in introduction to user guide

Manche Commits verdienen mehr Erklärung:

Derez the master control program

**MCP turned out to be evil and had become intent on world domination.
This commit throws Tron's disc into MCP (causing its deresolution)
and turns it back into a chess game.**

<http://chris.beams.io/posts/git-commit/>



1. LEERZEILE TRENNT SUBJECT UND BODY

```
$ git log  
commit 42e769bdf4894310333942ffc5a15151222a87be  
Author: Kevin Flynn <kevin@flynnarcade.com>  
Date:   Fri Jan 01 00:00:00 1982 -0200
```

Derez the master control program

MCP turned out to be evil and had become intent on world domination.
This commit throws Tron's disc into MCP (causing its deresolution)
and turns it back into a chess game.

<http://chris.beams.io/posts/git-commit/>

1. LEERZEILE TRENNT SUBJECT UND BODY

```
$ git log --oneline  
42e769 Derezz the master control program
```

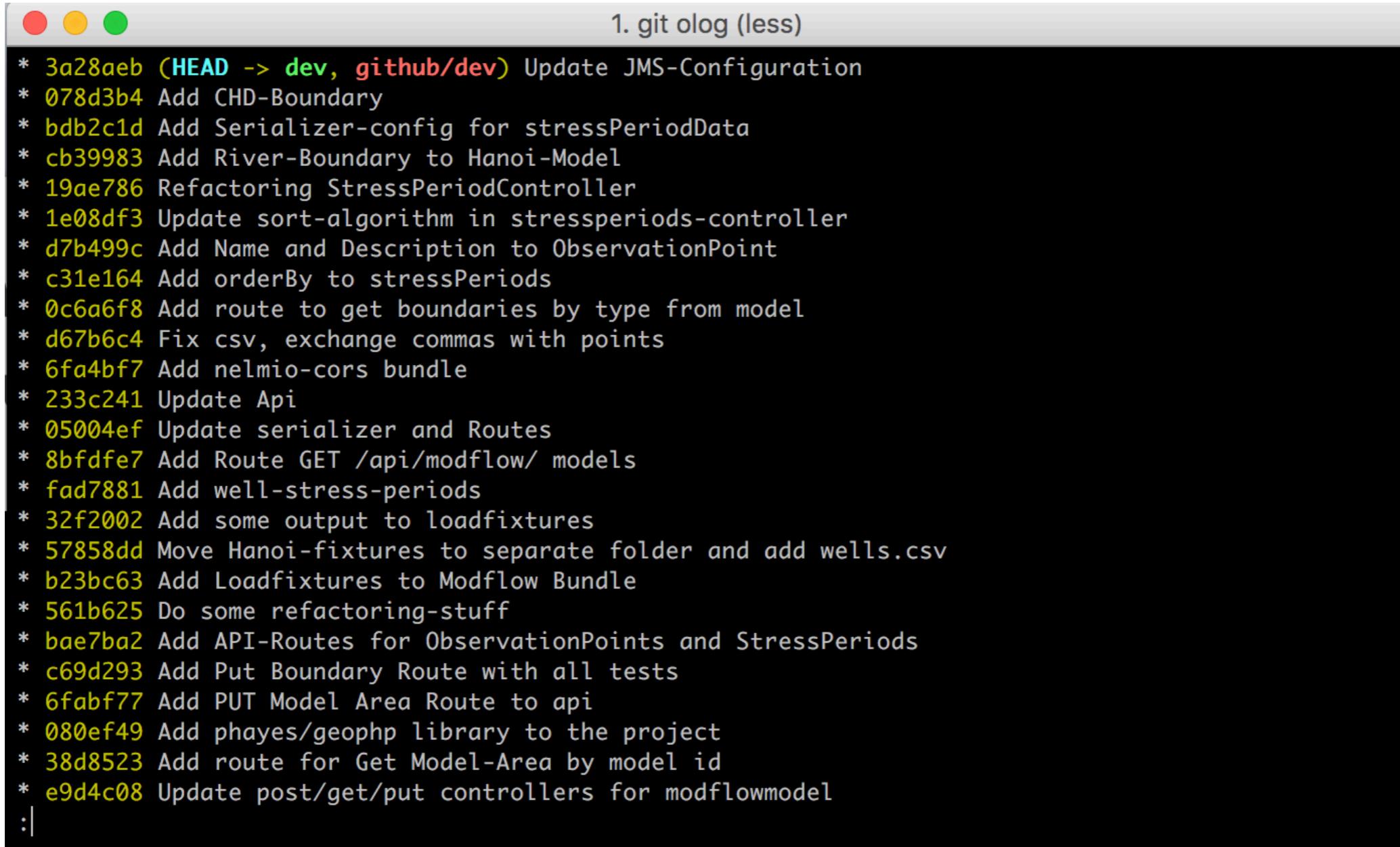
```
$ git shortlog  
Kevin Flynn (1):  
    Derezz the master control program
```

```
Alan Bradley (1):  
    Introduce security program "Tron"
```

```
Ed Dillinger (3):  
    Rename chess program to "MCP"  
    Modify chess program
```

<http://chris.beams.io/posts/git-commit/>

1. LEERZEILE TRENNT SUBJECT UND BODY



The screenshot shows a terminal window with a dark background and light-colored text. The title bar reads "1. git olog (less)". The main content is a list of git commit messages, each starting with an asterisk (*). The commits are color-coded: HEAD, dev, and github/dev are in blue; other commit IDs and descriptions are in white or yellow. The commits are as follows:

- * 3a28aeb (**HEAD -> dev, github/dev**) Update JMS-Configuration
- * 078d3b4 Add CHD-Boundary
- * bdb2c1d Add Serializer-config for stressPeriodData
- * cb39983 Add River-Boundary to Hanoi-Model
- * 19ae786 Refactoring StressPeriodController
- * 1e08df3 Update sort-algorithm in stressperiods-controller
- * d7b499c Add Name and Description to ObservationPoint
- * c31e164 Add orderBy to stressPeriods
- * 0c6a6f8 Add route to get boundaries by type from model
- * d67b6c4 Fix csv, exchange commas with points
- * 6fa4bf7 Add nelmio-cors bundle
- * 233c241 Update Api
- * 05004ef Update serializer and Routes
- * 8bfdfe7 Add Route GET /api/modflow/ models
- * fad7881 Add well-stress-periods
- * 32f2002 Add some output to loadfixtures
- * 57858dd Move Hanoi-fixtures to separate folder and add wells.csv
- * b23bc63 Add Loadfixtures to Modflow Bundle
- * 561b625 Do some refactoring-stuff
- * bae7ba2 Add API-Routes for ObservationPoints and StressPeriods
- * c69d293 Add Put Boundary Route with all tests
- * 6fabf77 Add PUT Model Area Route to api
- * 080ef49 Add phayes/geophp library to the project
- * 38d8523 Add route for Get Model-Area by model id
- * e9d4c08 Update post/get/put controllers for modflowmodel
- :|

<http://chris.beams.io/posts/git-commit/>

2. BEGRENZUNG DES SUBJECTS AUF 50 ZEICHEN



Commit changes

ProTip: Great commit summaries are 50 characters or less. Place extra information in the extended description.

Demonstrate a subject line that goes on too long and gets truncated by the GitHub UI

Add an optional extended description...

Commits on Aug 31, 2014



Demonstrate a subject line that goes on too long and gets truncated b...

cbeams authored 2 minutes ago

3. SUBJECT BEGINNT MIT EINEM GROßBUCHSTABEN

Accelerate to 88 miles per hour

anstatt

accelerate to 88 miles per hour

<http://chris.beams.io/posts/git-commit/>

4. SUBJECT OHNE SATZZEICHEN

Accelerate to 88 miles per hour

anstatt

Accelerate to 88 miles per hour.

<http://chris.beams.io/posts/git-commit/>

5. SUBJECT IM IMPERATIV

Gesprochen oder geschrieben, als wäre es ein Befehl oder eine Anweisung.

Refactor subsystem X for readability

Remove deprecated methods

Release version 1.0.0

Fixed bug with Y

Changing behavior of X

More fixes for broken stuff

Sweet new API methods

<http://chris.beams.io/posts/git-commit/>



5. SUBJECT IM IMPERATIV

Teste dein Subject und vervollständige diesen Satz:

If applied, this commit will ...

Refactor subsystem X for readability

Remove deprecated methods

Release version 1.0.0

Fixed bug with Y

Changing behavior of X

More fixes for broken stuff

Sweet new API methods



6. BODY TEXTUMBRUCH BEI 72 ZEICHEN

- Git bricht Text nicht selbständig um
- Empfehlung 72 Zeichen
- Platz für Einzug

<http://chris.beams.io/posts/git-commit/>

7. BODY INHALT

Was/Wie?

```
$ git diff
```

Warum?

- Gründe für die Änderung
- Wie haben Dinge vorher funktioniert
- Wie wurde damit umgegangen

<http://chris.beams.io/posts/git-commit/>

LIFEHACK

Mein bisheriger workflow:

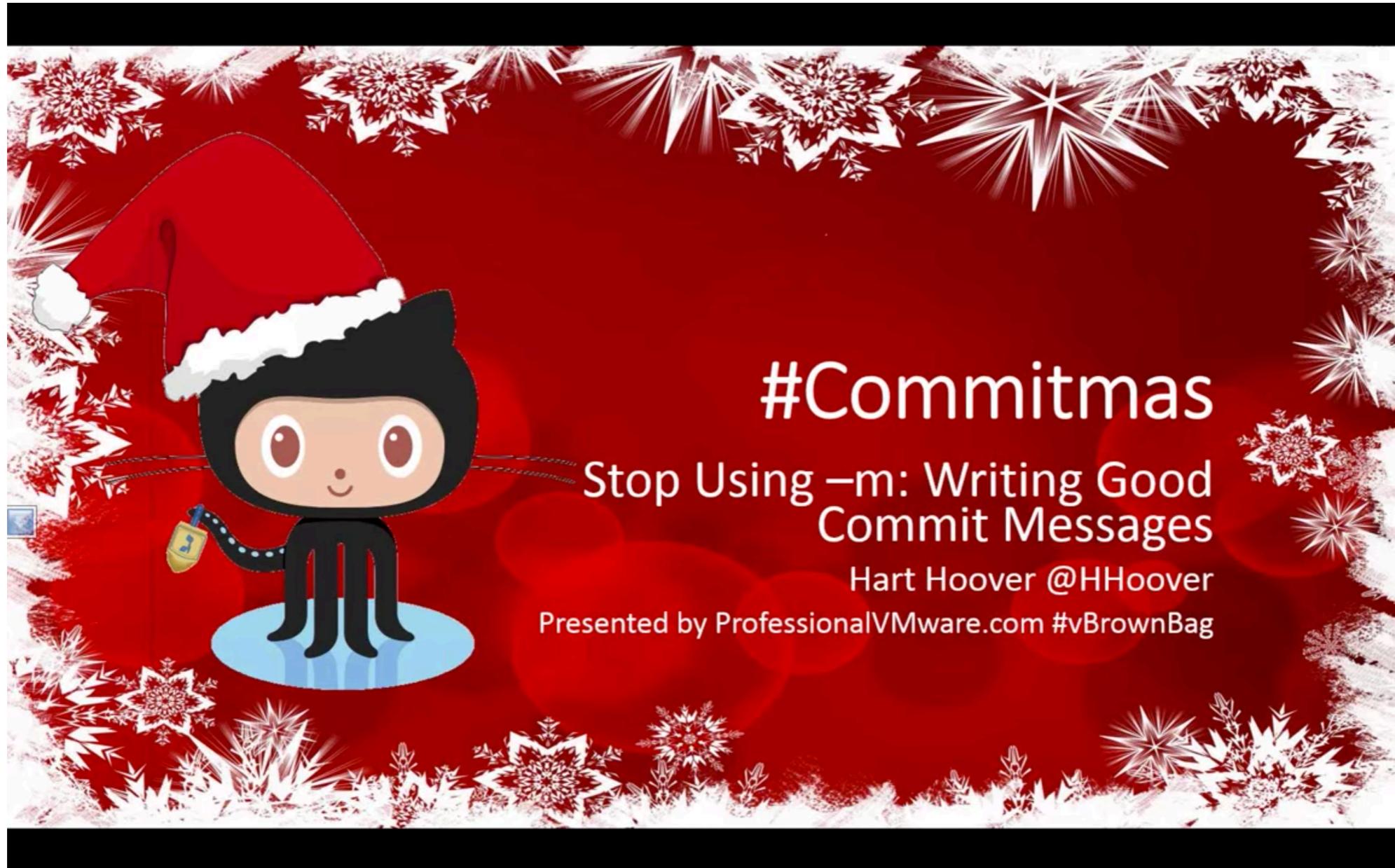
```
$ git status  
$ git diff  
$ git add src/MyBundle/Entity.php  
$ git commit -m "Update entity"
```

GET RID OF -M

```
$ git commit
```

<http://leftontheweb.com/blog/2016/11/08/Get-rid-of-m/>

MORE



<https://www.youtube.com/watch?v=htx9QQwifg8>

VIELEN DANK!

HAPPY COMMITTING !!!

