

Message in a Bottle

Git Commit Messages



40th Meeting of the PHP Usergroup Rheinhausen (PHPUGRHH)

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E_TOO_MUCH_PHP

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Kurzvortrag

- Commit
 - Stil
- Syntax

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Full Disclosure

Magerun Entwickler

Jetbrains / Phpstorm ist Sponsor

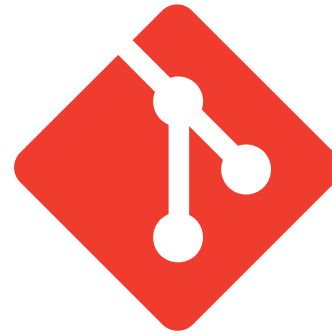
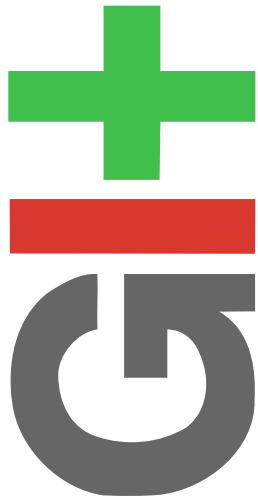
(PHPUGRHH & Magerun)

Git Fan

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Got GIT?

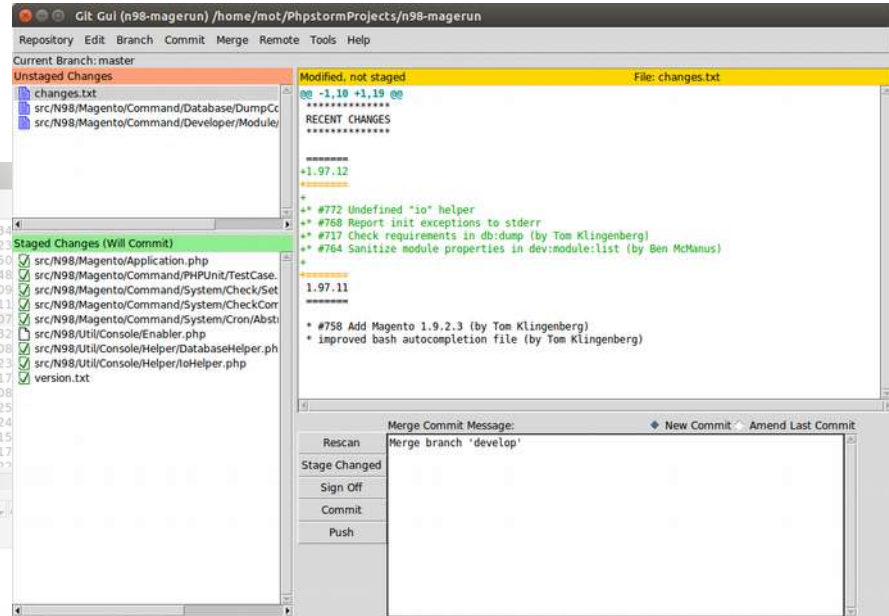
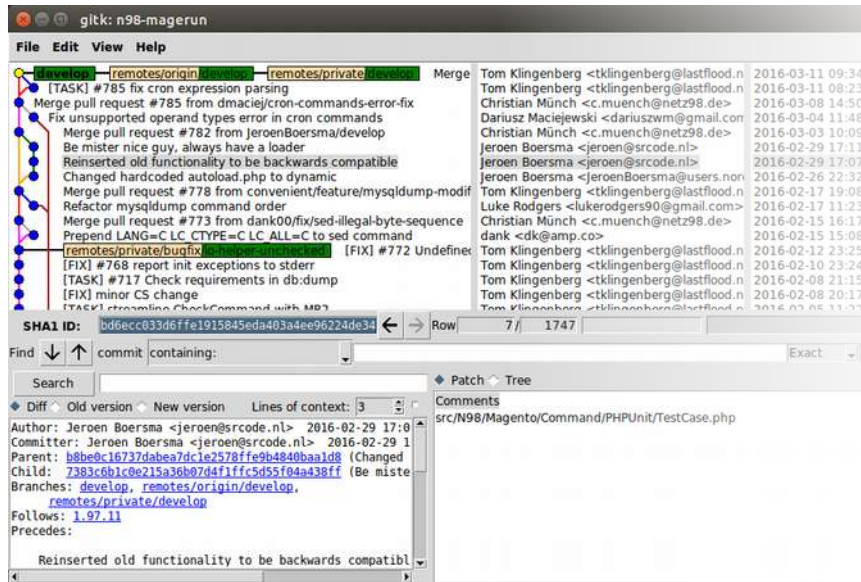


git

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Got GIT?



git gui – Git Commit Werkzeug

gitk – Visualisierung der Historie

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Commit Nachrichten

- **gitk** und **git gui** sind nur zwei exemplarische Beispiele
- Konsole (git log)
- Emails (Lists, Benachrichtigungen)
- Github (Web)
- History Viewer (Gitg)
- PhpStorm (IDE)

Commit Nachrichten



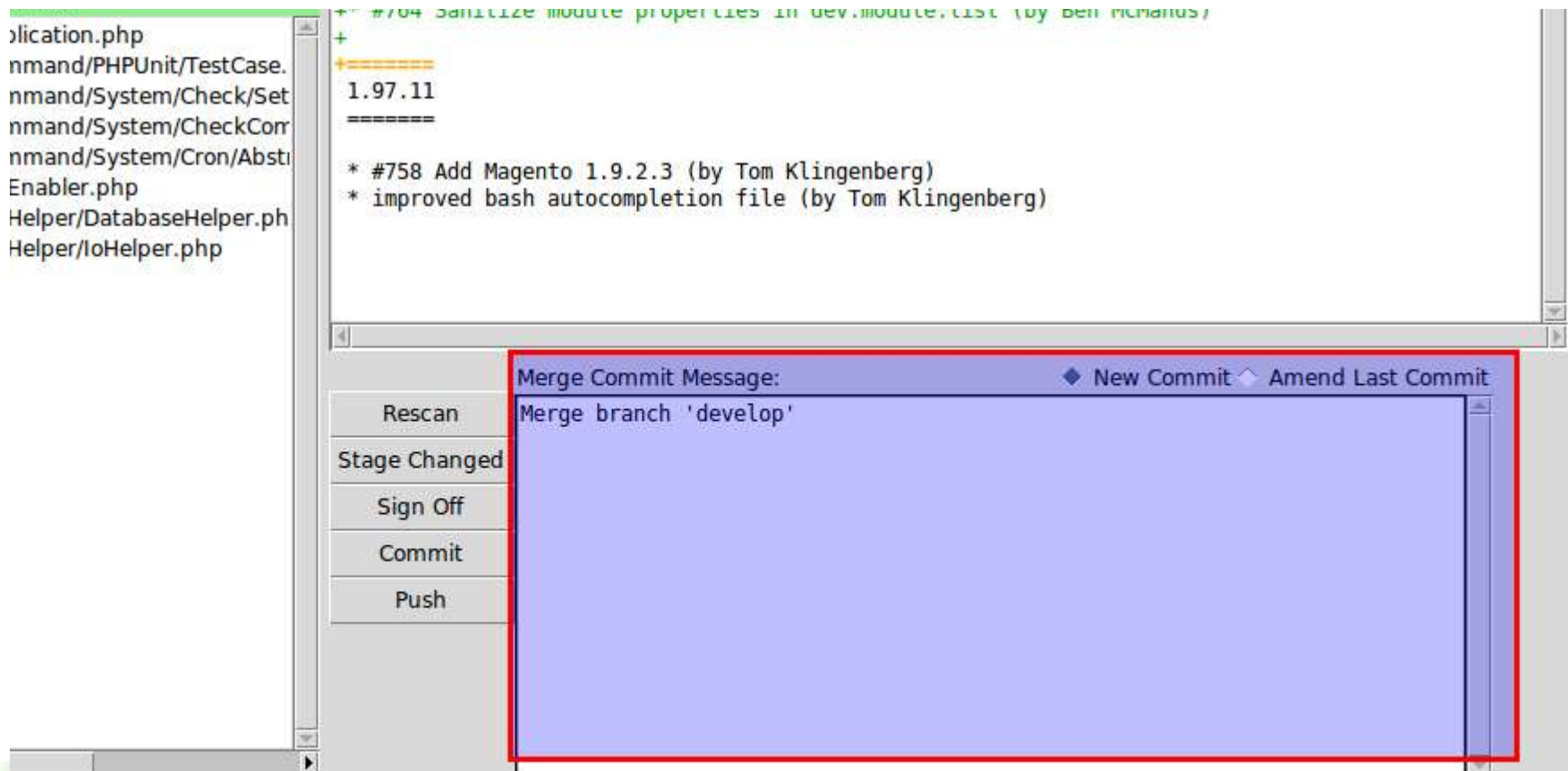
gitk – Visualisierung der Historie

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Commit Nachricht



git gui – Git Commit Werkzeug

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Was gehört in ein Commit rein? I

- Zusammengehörige Änderungen
- Whitespace von Code Changes trennen
- Refactoring von Weiterentwicklung trennen
- Stichwort: Code-Review
- Stichwort: Team-Arbeit

Was gehört in ein Commit rein? II

- Kann viel zu gesagt werden ;)
- Mein Thema ist im speziellen die Commit Nachricht
- Tipp: Drauf achten ob die zu schreiben flüssig von der Hand geht und wenn nicht was man da so findet

Tim Pope Vorschlag I

Capitalized, short (50 chars or less) summary

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.

Write your commit message in the imperative: "Fix bug" and not "Fixed bug" or "Fixes bug." This convention matches up with commit messages generated by commands like git merge and git revert.

Further paragraphs come after blank lines.

- Bullet points are okay, too
- Typically a hyphen or asterisk is used for the bullet, followed by a single space, with blank lines in between, but conventions vary here
- Use a hanging indent

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Tim Pope Vorschlag II

- Betreff mit 50 Zeichen oder weniger
- In Befehlsform
- Leerzeile
- Body – Fließtext mit Umbruch bei 72 Zeichen
- Listen (eingerückt), mit Leerzeilen zwischen den Punkten

Betreff

- Aussagekräftig
- Kurz und bündig
- Mit einem Großbuchstaben beginnen
- Kein Punkt am Ende
- Idealerweise nicht mehr als 50 Zeichen

Die Sieben Regeln (Chris Beams)

1. Betreff von Beschreibung mit Leerzeile trennen
2. Betreff auf 50 Zeichen begrenzen
3. Betreff mit Großbuchstaben beginnen
4. Und *nicht* mit Punkt beenden
5. Befehlston im Betreff verwenden
6. Textkörper bei 72 Zeichen umbrechen
7. Im Text erklären *Was* und *Warum* (nicht *Wie*)

Chris Beams Vorschlag I

Summarize changes in around 50 characters or less

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 the commit 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); various tools like ``log``, ``shortlog`` and ``rebase`` can get confused if you run the two together.

Explain the problem that this commit is solving. Focus on why you are making this change as opposed to how (the code explains that). Are there side effects or other unintuitive consequences of this change? Here's the place to explain them.

Further paragraphs come after blank lines.

...

Chris Beams Vorschlag II

...

Further paragraphs come after blank lines.

- Bullet points are okay, too
- Typically a hyphen or asterisk is used for the bullet, preceded by a single space, with blank lines in between, but conventions vary here

If you use an issue tracker, put references to them at the bottom, like this:

Resolves: #123

See also: #456, #789

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Anhang

- [A Note About Git Commit Messages](#) (Tim Pope)
- [Git Commit Good Practice](#) (Open Stack)
- [How to Get Your Change Into the Linux Kernel](#) (Kernel)
- [How to Write a Git Commit Message](#) (Chris Beams)
- [Git Commit Msg](#) (Karma)

Trivia

```
$ curl whatthecommit.com/index.txt
```

- [Commit Message Generator](#) (whatthecommit.com)
- [Commit Logs From Last Night](#) (Der Abtritt)

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