

Upgrade und Neugestaltung des Wiki am Fachbereich Mathematik und Informatik

Bruno Bergmann

1: Docker, ja oder nein?

3 Termine

- Einlesen in die Funktionsweise
- Suche nach existierenden Docker-Projekten
- Diskussion von 2016 mit Timothy Legge [1]

Docker

Erste Schritte

Login (LDAP)

1: Docker, ja oder nein?

3 Termine

- Einlesen in die Funktionsweise
- Suche nach existierenden Docker-Projekten
- Diskussion von 2016 mit Timothy Legge [1]
- Timothy Legge stellt Image bereit

Docker

Erste Schritte

Login (LDAP)

Es gibt keine eierlegende Wollmilchsau.

2: Erste Schritte & Anpassungen

3 Termine

- Foswiki läuft nun
- Viele Fehler und Warnungen in den Settings, da nicht alles korrekt gesetzt ist

Docker

Erste Schritte

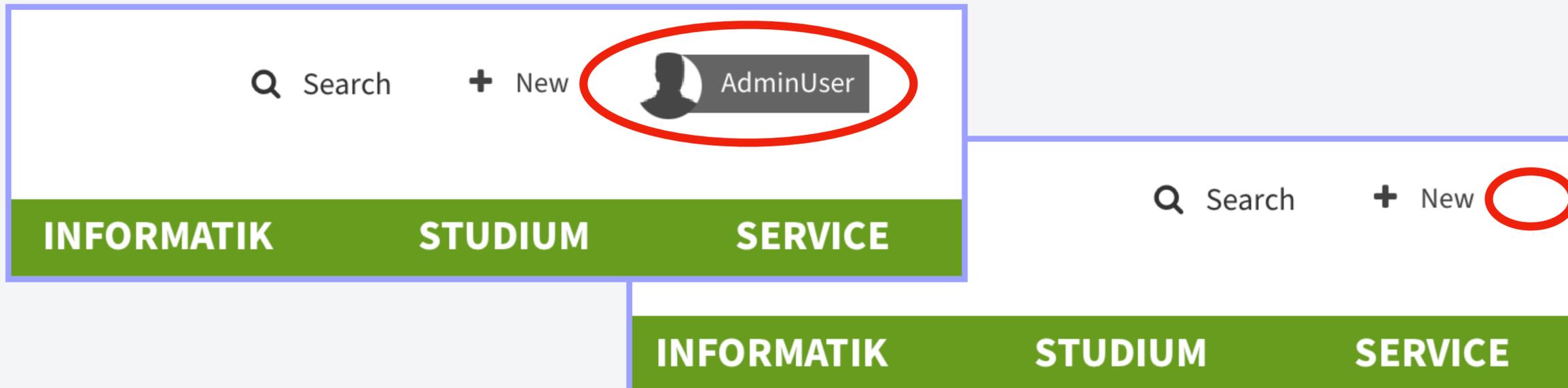
Login (LDAP)

Git-Based Upgrade

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Docker

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Es ist nicht alles Gold, was OSS ist.

3: LDAP

3 Termine

- LDAP über Foswiki, statt über Apache
- LdapNgPlugin gefunden

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```
%LDAP{ "(objectClass=posixAccount) "  
  base="ou=People,ou=imp,dc=imp,dc=fu-berlin,dc=de"  
  filter="cn"  
  limit="100"  
  header="| *Nr* | *Name* | *Mail* |$n"  
  format="| $index | $cn | $mail |"  
  clear="$mail, $cn"  
}%
```

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Docker

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An einer Blackbox kann niemand erkennen was falsch läuft.

4: Git-Based Upgrade

5 Termine

- **Anforderung:** Manuelles Upgrade des Fachbereichswiki

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4: Git-E

5 Termine

- Anforderung

- `bin/` ❌ - where all the CGI scripts live.
 - The CGI scripts are deliberately as thin and as similar as possible. the real meat of these scripts is in the code library, in the `lib/Foswiki/UI` directory. In more recent releases this division is even more pronounced, as we are moving to eliminate the duplication inherent in the CGI scripts. Non-CGI scripts are held in `tools` because in general they must not be accessible through a web browser.
- `tools/` ✅ - where Perl scripts that are **not** CGI scripts live. These include maintenance scripts and also example scripts that a site may derive custom scripts from.
 - ⚠️ Deckungsgleich bei docker & distro
- `locale/` ✅ - where translation files live ([I18N](#)).
 - ⚠️ Deckungsgleich bei docker & distro
 - Usually you won't want to touch this (unless you are a translator, in which case see the [internationalisation guidelines](#) for more information)
- `templates/` ❌ - where (most of) the presentation templates live
- `data/` ❌ - where pages are, if you are using the default (text) database
- `pub/` ❌ - where data file attachments are, if you are using the default (text) database
- The directory structure in the `data` and `pub` directories mirror each other. The reason for the separation is that many installations permit direct browser access to the files in `pub`, and it has to be configured differently to `data` in the web server.
- `lib/` ✅ - where all the perl code libraries are.
 - ⚠️ NICHT deckungsgleich bei docker & distro
 - `CPAN/` contains the minimum set of repackaged CPAN modules that are required to run a basic system
 - `Foswiki/` is the root of the actual code (`Twiki/` may also be present for backwards compatibility)
- `working/` ❌ - where temporary and working files are kept (also used by extensions to store persistent data)
 - This is a scratch area that, among other things, stores login sessions, temporary data files for extensions, and pending registration approvals.
- `test/` ✅ is where unit tests are kept
 - ⚠️ Dechungsgleich bei docker & distro

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Manchmal merkt man erst später, welche Nachteile eine Technologie hat.

5: Corporate Design

2 Termine

- Anpassung des Layouts an neues Corporate Design der FU

Docker

Erste Schritte

Login (LDAP)

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You are here: Main

Welcome to the Main web

📅 18 Dec 2023 - 14:33 | 🗨️ Version 2 | 👤 AdminUser

This is the official Wiki server of the Fachbereich Mathematik und Informatik at Freie Universität Berlin, Germany.

Read [WebFAQs](#) (in German) if you are not sure what this means for *you*.

Areas on this Wiki server:

- The [Imp](#) web has pages for <http://www.imp.fu-berlin.de/>.
- The [Mi](#) web has pages for <http://www.mi.fu-berlin.de/>.
- The [Inf](#) web has pages for <http://www.inf.fu-berlin.de/>.
- The [Math](#) web has pages for <http://www.math.fu-berlin.de/>.
- The [Orga](#) web (internal use only) has pages regarding organizational and administrative matters
- The [IT](#) web has Technical Infos and Howtos for the Fachbereich Mathematik und Informatik
- Furthermore, there are webs for individual research groups or projects, see the [List of all webs](#).

You are currently in the [Main](#) web, which has administrative purposes and holds hardly anything of interest. Use the [Sandbox](#) web to try the Wiki before attempting anything serious. Then, if you find anything that is broken, please fix it.

This site is running Foswiki release **06 Aug 2023**, Plugin API version **2.4**

To learn more about Foswiki, visit the [System web](#). Please ensure that the read/write permissions for each web on your site match your access control policies (see [DefaultPreferences](#) and [SitePreferences](#)). Replace this text with a description of your new Foswiki site.

- Anpass

You are here: Main

Contribute to this Wiki!

You're welcome to contribute by adding missing information or fixing inaccuracies.

Welcome to the Main web

30 Nov 2023 - 18:11 | Version 4 | BodoUserTopic

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Anforderungen ändern sich auch mitten im Projekt.

6: Live-Schaltung

7 Termine

- Fachbereichswiki ist fertig und soll produktiv geschaltet werden
- Extrem viele unerwartete Komplikationen

Docker

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Die letzten 5% benötigen mindestens 30% des Arbeitsaufwands.

Fazit

Docker

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Login (LDAP)

Profilseiten

Git-Based Upgrade

Befragungen

Corporate Design

Live-Schaltung

Quellen

1. <https://foswiki.org/Development/AddDockerContainerForDistributionMethod>