

Jetbrains

Lightning Talk

Mirco Haug

July 1, 2019

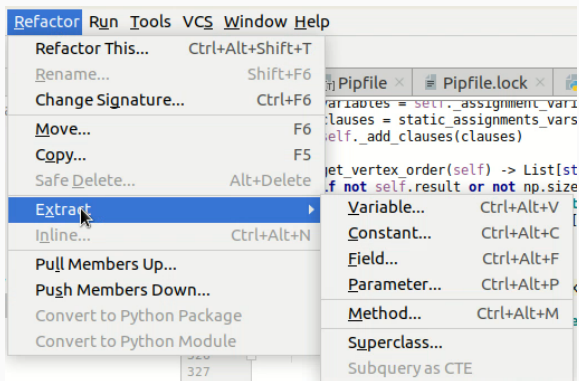
- Hersteller von Entwicklungsumgebungen (IDE)
- Proprietär
- Kostenlose Studentenversion
- Regulär 250€pro Jahr / 25€pro Monat (All products Pack)
- Oft ausreichende Light Versionen

Selling Points

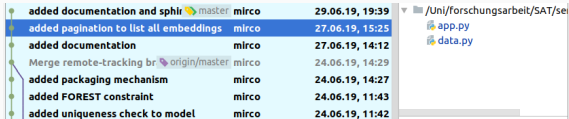
- Alle relevanten Sprachen (Java, Python, PHP, Go, Ruby,...)
- Gleiche Plattform
- Plugins
- Unix und Windows
- Beste Ergonomie (persönliche Meinung)

Funktionen

Refactoring



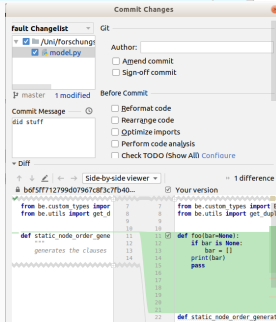
Git Integration



Commit Message	Author	Date
added documentation and sphinx	mirco	29.06.19, 19:39
added pagination to list all embeddings	mirco	27.06.19, 15:25
added documentation	mirco	27.06.19, 14:12
Merge remote-tracking branch 'origin/master'	mirco	24.06.19, 14:29
added packaging mechanism	mirco	24.06.19, 14:27
added FOREST constraint	mirco	24.06.19, 11:43
added uniqueness check to model	mirco	24.06.19, 11:42

File tree view:

- /Uni/forschungsarbeit/SAT/seq
- app.py
- data.py



Commit Changes

Fault Changelist - Git

Author:

Amend commit
 Sign-off commit

Before Commit

Reformat code
 Rearrange code
 Optimize imports
 Perform code analysis
 Check TODO (Show All) [Configure](#)

Commit Message: did stuff

Diff

Side-by-side viewer | 1 difference

```
from be.custom_types import 7 7 from be.custom_types import 7
from be.utils import get_d 8 8 from be.utils import get_dup 8
9 9 9 9
10 10 10 10
def static_node_order_gene 12 12 [7] def foo(bar=None):
... 12 12 if bar is None:
generates the clauses 13 13 bar = []
14 14 print(bar)
15 15 pass
16 16
17 17
18 18
19 19
20 20
21 21
22 22 def static_node_generat
... 22
```

Datenbanken und Templates

The image shows two side-by-side panels from a development environment. The left panel, titled "Database", displays a tree view of a database structure. It starts with "data 1", which contains a "schemas 1" folder. Inside "schemas 1" is a "main" folder, which contains three sub-folders: "layouts", "sqlite_master", and "table_name". The "sqlite_master" folder contains five entries: "content" (TEXT), "type" (text), "name" (text), "tbl_name" (text), and "rootpage" (int). The "table_name" folder contains three entries: "column_1" (int), "column_2" (int), and "column_3" (int). The right panel, titled "Templates", shows a list of various development tools and services, including App Engine server, Attach to Node.js/Chrome, Bash, Behave, Compound, Django server, Django tests, Docker, Firefox Remote, Flask server, Grunt.js, Gulp.js, HTTP Request, JavaScript Debug, Jest, Lettuce, npm, NW.js, Protractor, Pyramid server, Python, Python docs, Python Remote Debug, Python tests, React Native, and Tox.

Database

- data 1
 - schemas 1
 - main
 - layouts
 - content TEXT
 - sqlite_master
 - type text
 - name text
 - tbl_name text
 - rootpage int
 - sql text
 - table_name
 - column_1 int
 - column_2 int
 - column_3 int

Templates

- App Engine server
- Attach to Node.js/Chrome
- Bash
- Behave
- Compound
- Django server
- Django tests
- Docker
- Firefox Remote
- Flask server
- Grunt.js
- Gulp.js
- HTTP Request
- JavaScript Debug
- Jest
- Lettuce
- npm
- NW.js
- Protractor
- Pyramid server
- Python
- Python docs
- Python Remote Debug
- Python tests
- React Native
- Tox

Quickfixes

```
if foo == None:
```

```
    pass
```

● Replace equality ▶

☞ Flip '==' ▶

☞ Negate '==' to '!=' ▶

```
if foo is None:
```

```
    pass
```

```
def bar(baz=[]):
```

```
    print(baz)
```

● Replace mutable default argument ▶

☞ Specify type for reference in docstring ▶

☞ Specify type for reference using annotation ▶

```
def bar(baz=None):
```

```
    if baz is None:
```

```
        baz = []
```

```
    print(baz)
```


Productivity Guide

PyCharm uptime: 4 days 3 hours 49 minutes, idle time: less than a minute
Code completion has saved you from typing at least 23.9K characters since 06.04.19 (~582 per working day)
Quick fixes have saved you from 682 possible bugs since 07.04.19 (~16 per working day)

Feature	Group	Used	Last used
Basic code completion	Code Completion	4,049 times	22 hours ago
Syntax aware selection	Code Editing	1,600 times	22 hours ago
Go to declaration	Navigation	602 times	23 hours ago
Comment/Uncomment ...	Code Assistants	458 times	22 hours ago
Quick Documentation ...	Code Assistants	214 times	22 hours ago
Rename	Refactoring	184 times	23 hours ago
Search Everywhere	Navigation	65 times	22 hours ago
Quick Documentation i...	Code Assistants	43 times	one week ago
Camel prefixes in code ...	Code Completion	11 times	one week ago
Speed search in trees	UI Usability Features	10 times	6 days ago

Use **Alt+Shift+C** to quickly review your recent changes to the project.

Recent Changes	
External change	Today 18:25
Renaming directory level1Dir to level3Dir	Today 17:34
Renaming package level1Dir.level2Dir.Level3Dir to Level1Dir	Today 17:33
External change	Today 13:18
Creating file /Users/jetbrains/IdeaProjects/MyProject/js/my.css	Today 11:12
Move	Today 08:28
External change	Today 08:17
Move	Today 08:14

Fragen ?
