


























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	danixeee Release v0.11.3 (#216) ...	✓ bbf671f on 6 Nov 2021	🕒 444 commits
	.github/workflows	Fix how semantic tokens server capabilities are computed (#213) (#2...	3 months ago
	assets/img/readme	Update README file (#37)	3 years ago
	docs	replace references to localhost with 127.0.0.1 for docker and friends (...)	7 months ago
	examples	Release v0.11.3 (#216)	3 months ago
	pygls	Fix how semantic tokens server capabilities are computed (#213)	3 months ago
	tests	Fix how semantic tokens server capabilities are computed (#213)	3 months ago
	.editorconfig	Added .editorconfig according to PEP8 (#156)	10 months ago
	.gitattributes	Add .gitattributes. (#15)	4 years ago
	.gitignore	Add InsertTextFormat enum (#105)	2 years ago
	.mypy.ini	Fix lsp models	10 months ago
	CHANGELOG.md	Release v0.11.3 (#216)	3 months ago
	CODE_OF_CONDUCT.md	Add CONTRIBUTING and CODE_OF_CONDUCT.	3 years ago
	CONTRIBUTING.md	Update CONTRIBUTING.md. (#49)	3 years ago
	CONTRIBUTORS.md	Fix how semantic tokens server capabilities are computed (#213)	3 months ago
	Implementations.md	Add esbonio language server to Implementations.md (#207)	3 months ago
	LICENSE.txt	Add Apache 2.0 license.	3 years ago
	MANIFEST.in	setup: add a MANIFEST.in	2 years ago
	PULL_REQUEST_TEMPLATE.md	Add PR template (#54)	3 years ago
	README.md	replace references to localhost with 127.0.0.1 for docker and friends (...)	7 months ago
	ThirdPartyNotices.txt	Updated third party notices	4 years ago
	pyproject.toml	Added the build deps to setup.cfg to make setuptools to install/...	8 months ago
	setup.cfg	Add WebSocket server (#129)	7 months ago
	setup.py	Moved the metadata into setup.cfg (#157)	9 months ago
	tox.ini	Add WebSocket server (#129)	7 months ago

☰ README.md

pygls

pypi v0.11.3

 Azure Pipelines

set up now

python 3.6 | 3.7 | 3.8 | 3.9

license Apache 2.0

docs latest

pygls (pronounced like "pie glass") is a pythonic generic implementation of the [Language Server Protocol](#) for use as a foundation for writing language servers using Python (e.g. Python, XML, etc.). It allows you to write your own [language server](#) in just a few lines of code.

Quick Intro

IMPORTANT NOTE:

In order to support type-checking, we added `pydantic` library which requires passing keyword arguments when creating [LSP models](#).

Here's how to create a server and register a code completion feature:

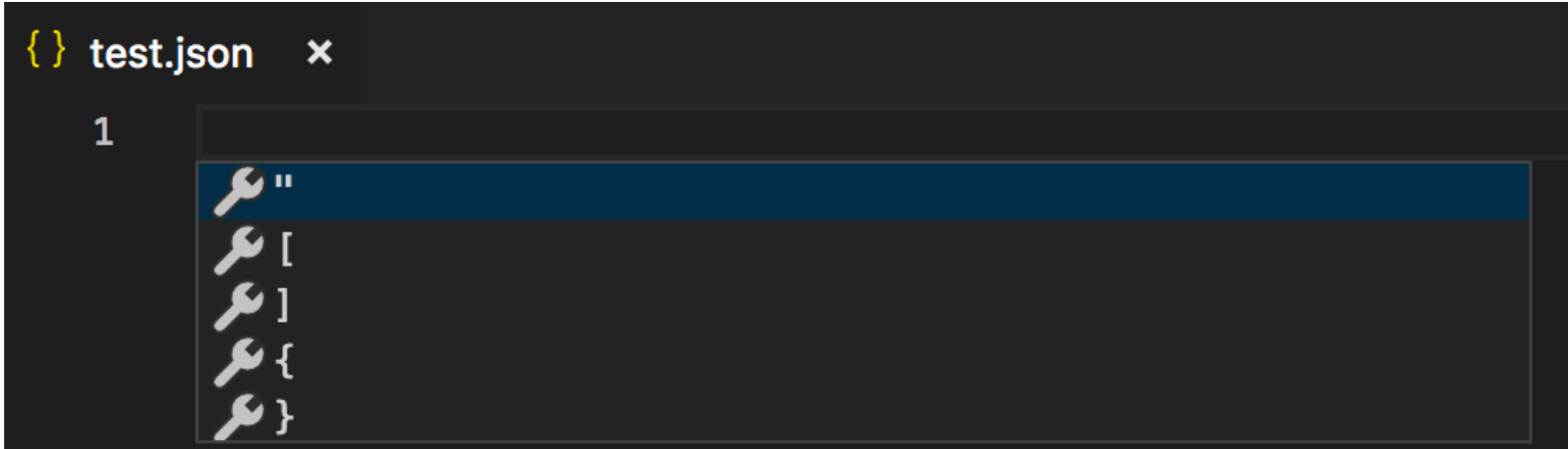
```
from pygls.capabilities import COMPLETION
from pygls.server import LanguageServer
from pygls.lsp import CompletionItem, CompletionList, CompletionOptions, CompletionParams

server = LanguageServer()

@server.feature(COMPLETION, CompletionOptions(trigger_characters=['']))
def completions(params: CompletionParams):
    """Returns completion items."""
    return CompletionList(
        is_incomplete=False,
        items=[
            CompletionItem(label=''),
            CompletionItem(label='['),
            CompletionItem(label=']'),
            CompletionItem(label='{'),
            CompletionItem(label='}'),
        ]
    )

server.start_tcp('127.0.0.1', 8080)
```

Show completion list on the client:



Docs and Tutorial

The full documentation and a tutorial is available at <https://pygls.readthedocs.io/en/latest/>.

Let Us Know How You Are Using pygls

Submit a Pull Request (PR) with your information against the [implementations](#) document.

License

Apache-2.0

Contributing

Your contributions to *pygls* are welcome! Please review the [Contributing](#) and [Code of Conduct](#) documents for how to get started.







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About

a pythonic generic language server

pygls.readthedocs.io/en/latest/

-  Readme
-  Apache-2.0 License
-  Code of conduct
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-  18 watching
-  44 forks

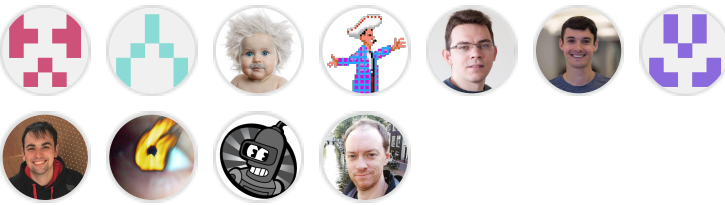
Releases

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Packages

No packages published

Contributors 28



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Languages

