

# The status of PyPy

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# Introduction

- What we did in the last year?
- What we achieved?
- Plans for near future

# Last year highlights

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# JIT

# February 2009



- we merge experiments into mailine PyPy
- xxx

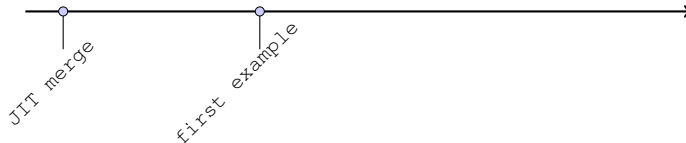
# March 2009



JIT merge

- first python example works!

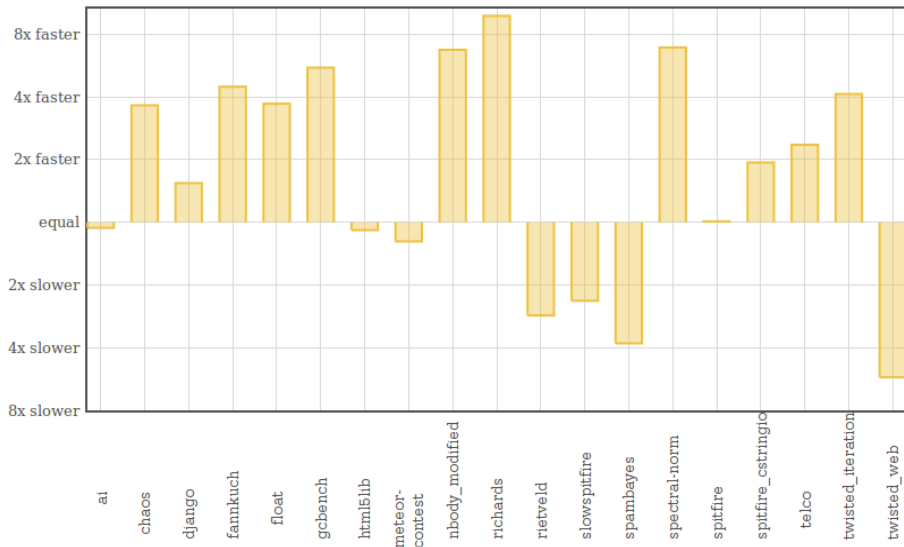
```
i = 0
while i < 10000000:
    i = i + 1
```



- we manage to speed first non-trivial benchmark
- richards - a simple, object oriented code
- a variety of optimizations involved

# February 2010 - now

PyPy with JIT against CPython





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- can consume a lot of memory
- can recompile code too many times
- GCs are pretty good
- runtime algorithms are not as polished as CPython ones (ie strings, regexes)

# Near future

- release March 2010

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- release March 2010
- first PyPy release to contain JIT!
- mostly to try it out
- we just got a bit more **EU funding**
- we're actively looking for **sponsoring** to continue PyPy development



# Come to my next talk!

speed of PyPy

... or how to write programs that play well with the JIT

# That's all

Thank you for your attention

- <http://morepypy.blogspot.com>
- <http://pypy.org>
- <http://merlinux.de>
- these slides are already online