

Who's Julia?

simkn15, sonje15,
asjen15

Julia

Essential features

Benchmarking

Result

Conclusion



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- Under development since 2009
- Published 2012
- Newest stable version 0.4.5
- Open source
- Developers' goals
- Syntax



Essential feature in Julia

- Dynamic type system and package manager
- Calls to Python and C functions
- User-defined types
- Metaprogramming
- Garbage Collector



Benchmarking

- CPU time (user + system time)
- Profiling

```
real    0m9.632s
user    0m0.002s
sys     0m0.006s
```



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