

# IMPROVING PYTHON LAMBDA

**...with the help of JavaScript**

## Can ``->`` make a nicer lambda syntax?

■ Ideas



Stephen Rosen [sirosen](#)

Reading some recent posts and thinking i

## Are better lambdas really impossible?

■ Ideas



Tamás Szelei [tamas](#)

Even though I wasn't around any discussions back then, I vaguely re  
there was some decision made around lambdas being kept the way t

## Shorter alternative for 'lambda'

Asked 7 years, 2 months ago Modified 1 month ago Viewed

### Background:

Python is about simplicity and readable code. It has a huge fan! However, typing `l a m b d a` every time (I may disagree). The problem is, these 6 characters are a bit longer, especially when I nest a couple of lambdas in more than two, because it takes away the readability. `a` twice feels too verbose.

## PEP 677 – Callable Type Syntax

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# IMPLEMENTATION

<https://github.com/tomasr8/cpython/commit/e1b52d9ec18f571dc821652874cbf7249b08a333>

To compile in debug mode:

- `./configure --with-pydebug && make -s -j2`

Run:

- `./python`



$x \Rightarrow x$



$\lambda x. x$



**X=>X**



**X->X**



**LAMBDA**

**X:X**





**BEST I CAN DO IS**

**$\lambda x: x$**