

PEP 20: Python 之禅

原文 [PEP 20 -- The Zen of Python](#)

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一、摘要

- Python 核心开发成员之一的 Tim Peters 将终身仁慈独裁者 BDFL(Benevolent dictator for life) 对 Python 设计的指导原则简洁的归纳为 20 条格言, 其中只有 19 条被写下来.

二、Python 之禅

Beautiful is better than ugly.

优美胜于丑陋,

Explicit is better than implicit.

明了胜于晦涩,

Simple is better than complex.

简洁胜于复杂,

Complex is better than complicated.

复杂胜于凌乱,

Flat is better than nested.

扁平胜于嵌套,

Sparse is better than dense.

间隔胜于紧凑,

Readability counts.

可读性很重要.

Special cases aren't special enough to break the rules.

Although practicality beats purity.

即使实用比纯粹更优,

特例亦不可违背原则.

Errors should never pass silently.

Unless explicitly silenced.

错误绝不能悄悄忽略,

除非它明确需要如此.

In the face of ambiguity, refuse the temptation to guess.

面对不确定性,

拒绝妄加猜测.

There should be one-- and preferably only one --obvious way to do it.

任何问题应有一种,

且最好只有一种,

显而易见的解决方法.

Although that way may not be obvious at first unless you're Dutch.

尽管这方法一开始并非如此直观,

除非你是荷兰人.

Now is better than never.

做胜于不做,

Although never is often better than **right** now.

然而不假思索还不如不做.

If the implementation is hard to explain, it's a bad idea.

很难解释的, 一定是坏方法.

If the implementation is easy to explain, it may be a good idea.

很好解释的, 可能是好方法.

Namespaces are one honking great idea -- let's do more of those!

命名空间是个绝妙的主意,

我们应该好好利用它.

三、彩蛋

```
>>> import this
```

```
# in terminal  
python -c "import this"
```

四、参考文献

最初发表在 comp.lang.python/python-list@python.org 的 "The Ways of Python" 主题下。
https://groups.google.com/d/msg/comp.lang.python/B_VxeTBCIM0/L8W9KlsiriUJ