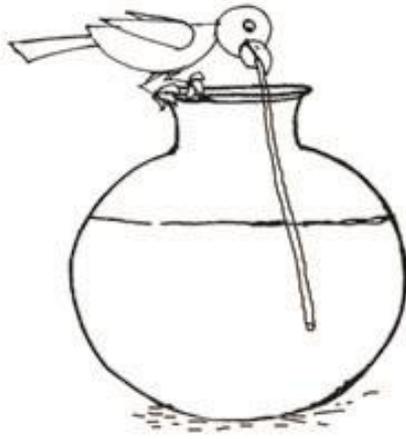


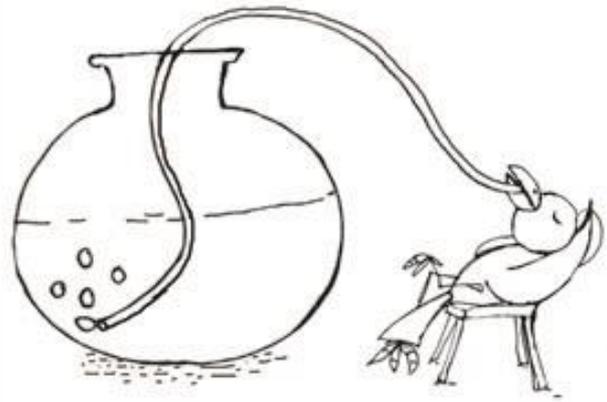
Non-programmer



Programmer



Python Programmer



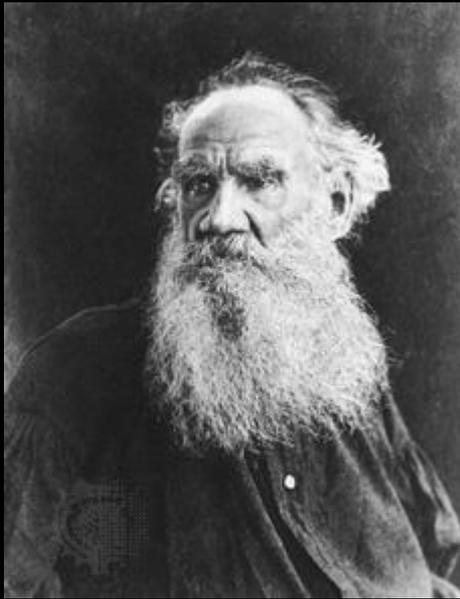
Introduction to Python

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Harvard College '20

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Another programming language?



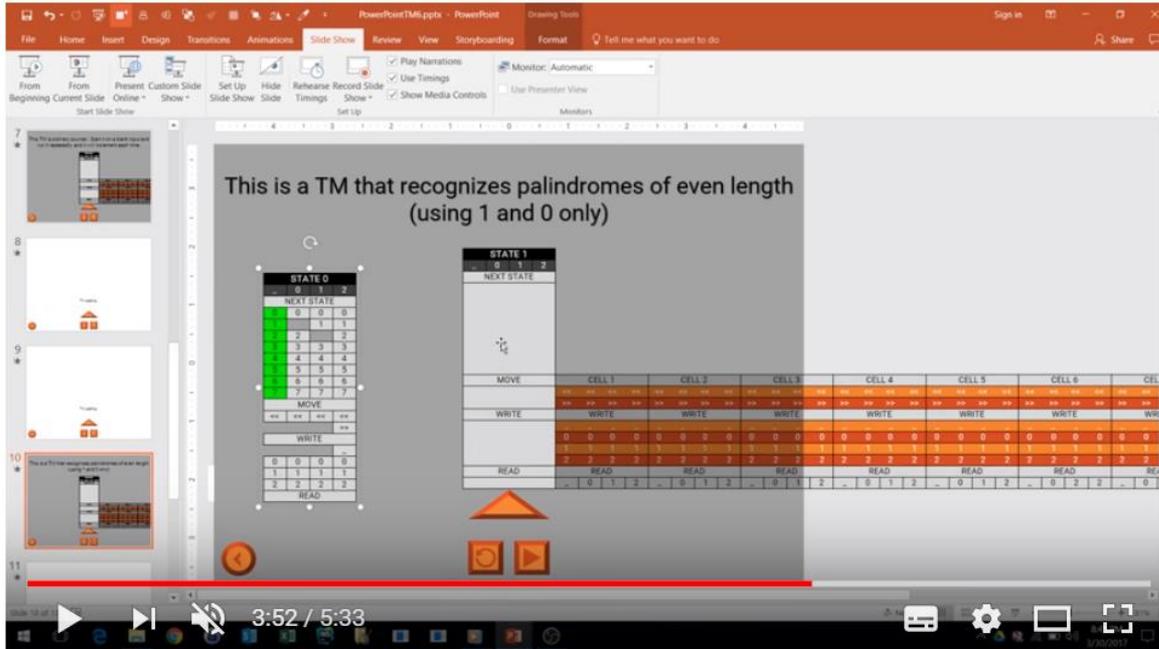
Programming languages

~~Happy families are all alike;~~

programming language

every ~~unhappy family is~~
~~unhappy~~ in its own way.

unique



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Tom Wildenhain

Published on 1 Apr 2017

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Video highlighting my research on PowerPoint Turing Machines for CMU's SIGBOVIK 2017

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What is Python?

Programming Language

- High-Level
- Dynamically-typed
- Supports many programming paradigms

Why bother learning
Python?

```

1 #include <stdio.h>
2 #include <cs50.h>
3
4 int main(void)
5 {
6     int h = 24;
7     while (h < 0 || h > 23)
8     {
9         printf("Height: ");
10        h = get_int();
11    }
12    for (int i = h; i > 0; i--)
13    {
14        for (int j = 0; j <= h; j++)
15        {
16            if (j >= i - 1)
17                printf("#");
18            else
19                printf(" ");
20        }
21        printf("\n");
22    }
23 }
24

```

```

1 import cs50
2
3 h = 24
4 while h < 0 or h > 23:
5     print("Height: ", end="")
6     h = cs50.get_int()
7     for i in range(h, 0, -1):
8         for j in range(h + 1):
9             if j >= i - 1:
10                print("#", end="")
11            else:
12                print(" ", end="")
13        print("")
14

```

Easy to read and write

Learn Python the Hard Way

<https://learnpythonthehardway.org/> ▼

Newly updated for Python 3, the original and still the most popular way for total beginners to finally learn how to code. **Learn Python** The Hard Way takes you from absolute zero to able to read and write basic Python to then understand other books on Python. No experience necessary to begin, and you can even try the book ...

Python For Beginners | Python.org

<https://www.python.org/about/gettingstarted/> ▼

Are you completely new to programming? If not then we presume you will be looking for information about why and how to get started with **Python**. Fortunately an experienced programmer in any programming language (whatever it may be) can pick up **Python** very quickly. It's also easy for beginners to use and **learn**, ...

Learning Python – The Hitchhiker's Guide to Python

docs.python-guide.org/en/latest/intro/learning/ ▼

If you prefer an online interactive environment to **learn Python** for Data Science, this free python tutorial by DataCamp is a great way to get started. If you're already somewhat advanced and interested in machine learning, check out this course on Supervised Learning with scikit-learn, by one of the core developers of ...

Learn Python, it's CAKE (Beginners) | Udemy

<https://www.udemy.com/learning-python-not-the-snake/> ▼

This python training course makes **learning Python** Programming CAKE. No Stiff Professor speaking to you from a carefully typed up script. This course is real relevant and the truth. The everyday person teaching to a everyday person. Just like long time friends working together. Beginners will find this python course to be ...

Learn Python - Android Apps on Google Play

<https://play.google.com/store/apps/details?id=com.pythontips>

<https://stackoverflow.com/q/10018100>

Nov 22, 2012 - I first met **OCaml** 4 years ago and I needed to add some little features to existing student's project at the University. I started from **OCaml** tutorial and I understood how awesome this language is. Then I tried to write more or less big programs in **OCaml** and started to ask the community questions. From my ...

Practical Ocaml Programming

<https://www.ocf.berkeley.edu/~mbh/tutorial/> ▼

It is an eclectic tutorial – all of the information here was gathered from a wide range of sources, many of which have nothing to do with Ocaml. Many programmers I talk to do not feel it is necessary to learn other languages, especially ones like Ocaml. While **learning Ocaml** may seem difficult, especially to those who do not ...

Learn OCaml - Best OCaml Tutorials | Hackr.io

<https://hackr.io/tutorials/learn-ocaml> ▼

Learning OCaml? Check out these **best online OCaml** courses and tutorials recommended by the programming community. Pick the tutorial as per your learning style: video tutorials or a book. Free course or paid. Tutorials for beginners or advanced learners. Check OCaml community's reviews & comments.

Gallium : Making it easier for beginners to learn OCaml

gallium.gria.fr/blog/making-it-easier-for-beginners-to-learn-ocaml/ ▼

Jun 24, 2013 - Unless having a private tutor, **learning OCaml** as a first programming language can be extremely frustrating at first, if not completely discouraging. Based on a long experience of teaching OCaml, based on the analysis of a large database of failing to compile OCaml source code, and based on the recent ...

Any good ways to learn OCaml : ocaml - Reddit

https://www.reddit.com/r/ocaml/comments/494aa1/any_good_ways_to_learn_ocaml/ ▼

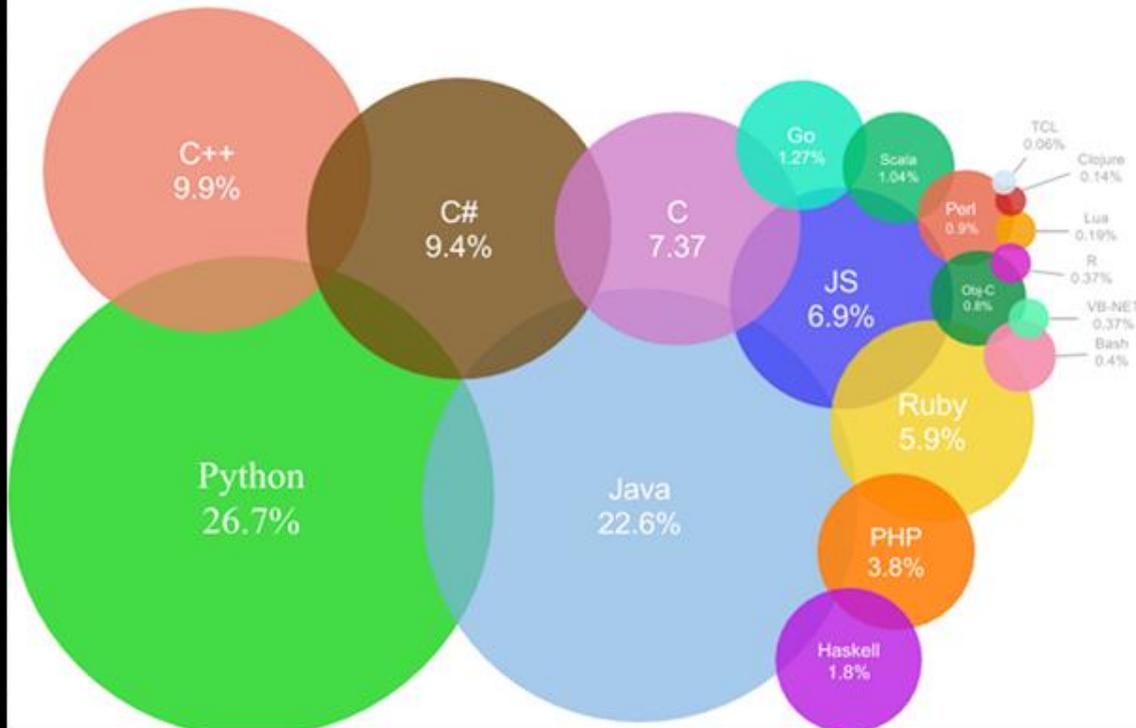
Mar 5, 2016 - 6 posts - 5 authors

I really wanna **learn OCaml**. Is there any good tutorials or places out there that make learning it easy?

Searches related to learn ocaml

Easy to learn

Most Popular Coding Languages of 2016



Widely-used →
Extensive support

Data science

Science

Statistics

Finance

Python

Web programming

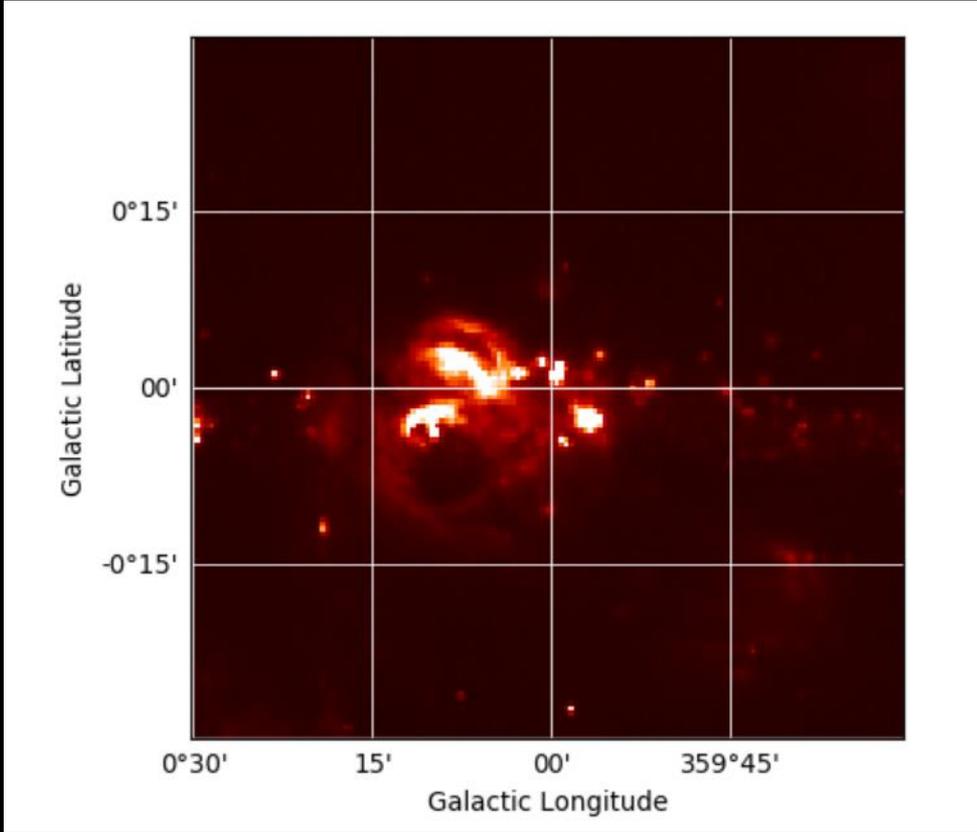
GIS

General
software

Used in many fields

Some Examples





AlphaGo Zero

Starting from scratch



Now for some actual
Python...