Python:
40% Faster for Free

Brendan J. Herger
13herger@gmail.com
MS Analytics Candidate, USF

Opening statement: “A brief discussion of how to reduce the runtime of *time intensive* programs by 40%, using one function call”

Slides, code online

Problem

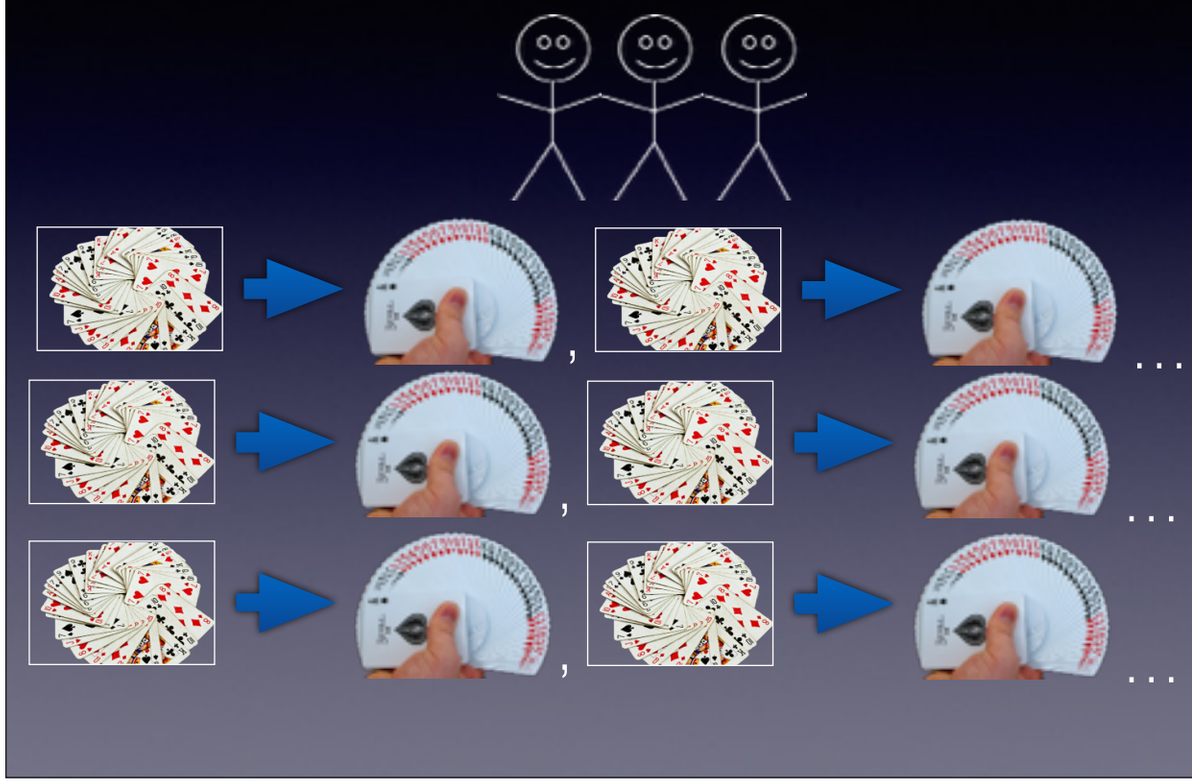
Problem

Problem

Problem

Solution

Solution



Now for Python

Sorting

```
for deck in decks:
    sorted_deck = sorted(deck)
    sorted_decks.append(sorted_deck)
```

```
sorted_decks = map(sorted, decks)
```

```
sorted_decks = bhUtilties.multi_map(sorted, decks)
```

available in code on GitHub

Timing

- XXX TODO

Implement

Implement

- When to use: Acting on list elements separately
  - i.e.: apply, lapply, raptly
- When not to use: Results depend on each other
  - i.e.: Fibonacci sequence, sorting a single set

Thank you

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Slides, code available at:

Text