Conclusion

Acknowledgements

Nothing today is my original work. These are old ideas.

The `toolz` developers:

- John Jacobsen, @eigenhombre, http://eigenhombre.com
- Erik Welch, @eriknw, http://github.com/eriknw/

Core Python

- `itertools, functools`

Recap

Standard interfaces promote interoperation between projects

Functions-as-data enable encoding of common programming patterns into higher order functions

A small set of composable functions can solve a large variety of problems.

Control patterns like map and groupby promote high level analysis and design

toolz

```
map, filter, reduce, accumulate,
groupby, valmap, frequencies, merge_with,
pipe, concat, partial, curry,
sliding_window, partitionby
```

```
Lots more!
```