

PROGRAMMING LANGUAGE PARADIGMS

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INTRODUCTIONS

NAME • HOMETOWN • SUMMER • LANGUAGES

YOUR REASONS FOR TAKING THIS CLASS?

- Answer the quiz question
- Share answers with a neighbor or two

SYLLABUS HIGHLIGHTS

- Linked from schedule:
 - <http://www.rose-hulman.edu/class/csse/csse403/Schedule/Schedule.htm>
- Please note:
 - Contact information · Texts · Outcomes · Electronic distraction policy · Collaboration

ERLANG OR GO?

- Erlang

- Cross-platform
- Functional language
- Actor model
- Easy to install

- Go

- Linux and Mac only
- Imperative, system language
- “Go-routines”
- Install from source

Survey posted on ANGEL
Due by Sunday night

GRADING AND DEADLINE FLEXIBILITY

- Late day policy:
 - **Two** late days
 - Can use at most one per assignment
 - Can earn early days
- Questions?

Mechanism	Weight
In-class quizzes and exercises	15%
Homework assignments	40%
Team project	35%
Teaching experience	10%

Must pass homework to pass class

SCHEDULE HIGHLIGHTS

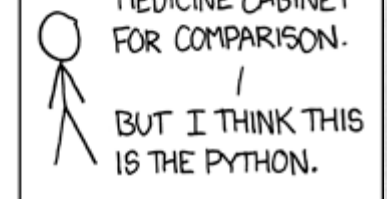
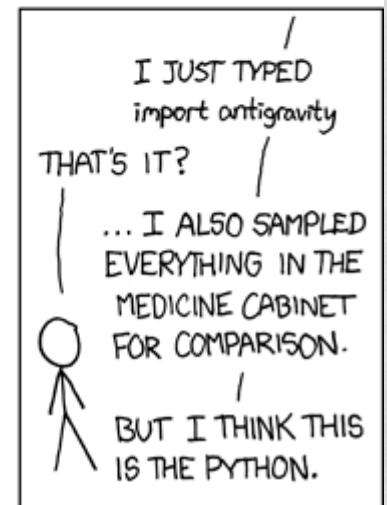
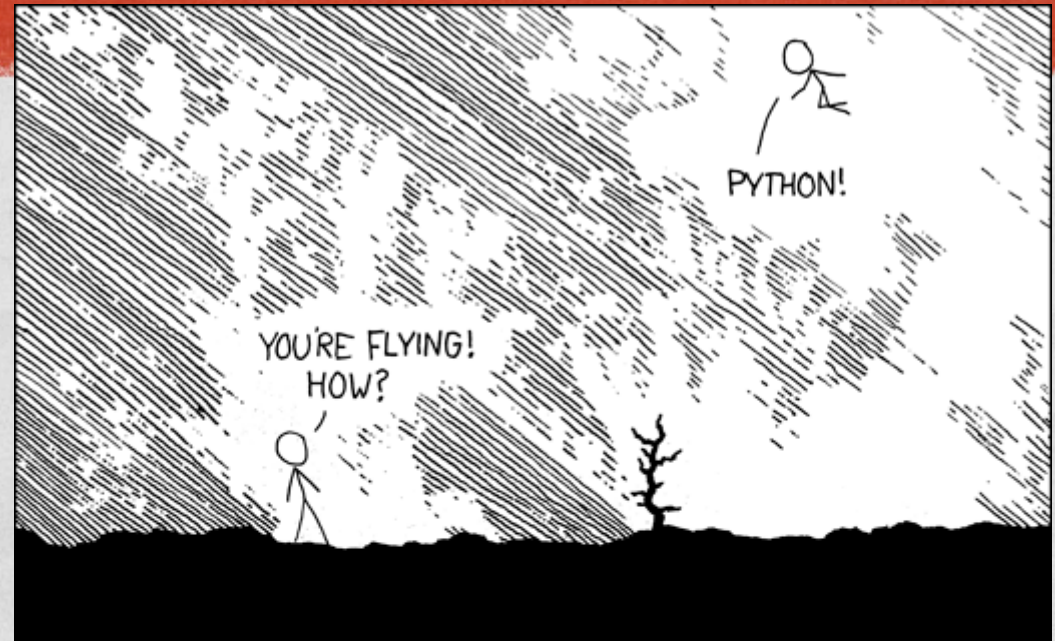
- Preparation reading due before listed class session
- Homework due at beginning of listed class session
 - Generally Thursdays and Mondays
- Project milestones due at midnight of listed day
 - Generally Fridays
 - Will often have “project Fridays”

A SCHEDULE NOTE

- To give students time to add/drop...
- Team preference survey for Milestone I will be posted middle of week I

CARTOON OF THE DAY

I wrote 20 short programs in Python yesterday. It was wonderful. Perl, I'm leaving you.



PYTHON IS...

- Whitespace sensitive
 - No curly braces!
 - Mixing spaces and tabs will drive you nuts
- Multi-paradigm
 - Imperative and functional and object-oriented

PYTHON INSTALL-FEST

- Install Python and other tools as described in HW1
 - Python 3.1
 - Eclipse 3.5 (or 3.6)
 - PyDev
 - Subclipse
- Get help as needed