

COMP 303 — Lecture 02

Programming with APIs

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4 September 2014

- Types are constrained sets of values and the operations defined on them.
- Types should be good abstractions for the concepts they represent; Range of values should align and there should be a semantic connection with the related concept.
- Enumerated types are a powerful programming construct.
- It's important to reuse robust implementations of data structures and operations.
- Regular expressions are a very useful software development tool (especially for input validation).