

RegEx in Scala

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Opening Discussion

- Minute essay comments:
 - Meaning of natural language.
 - Use of RegEx in earlier assignments.
- ICP solutions

Details of RegEx

- `findAllIn` gives back a `MatchIterator`. It is an `Iterator[String]`. Call `matchData` to get an `Iterator[Match]`.
- The `Match` class has lots of data about each match including subgroups.

For Loops and RegEx

- Remember that for-loops do pattern matches for storing values. They also skip anything that doesn't match the pattern.
- This makes them ideal when running through the results of `findAllIn`.

Examples of RegEx

- Let's run through some different examples of using regular expressions.
 - Decimal numbers
 - Points in 2-D or 3-D
 - Dates
 - Polynomials

Minute Essay

- Any thoughts on regular expressions?
- What do you see as limits of regular expressions?