RegEx

By Hunter Henrichsen

“Some people, when confronted with a problem, think "I know, I'll use regular expressions." Now they have two problems.”

-Jamie Zawinski

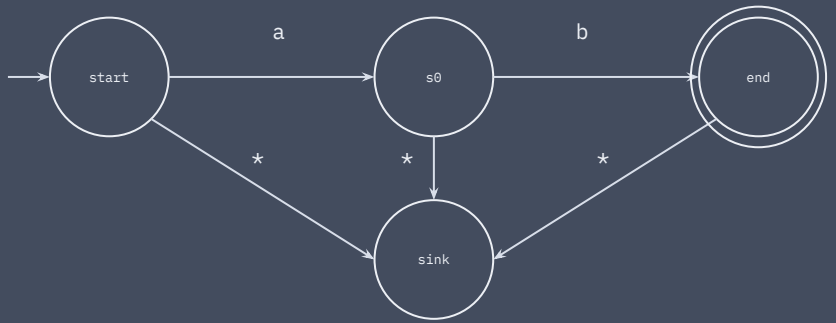
Basic Operations

- Concatenation
- Alternation
- Repetition

ab

Concatenation

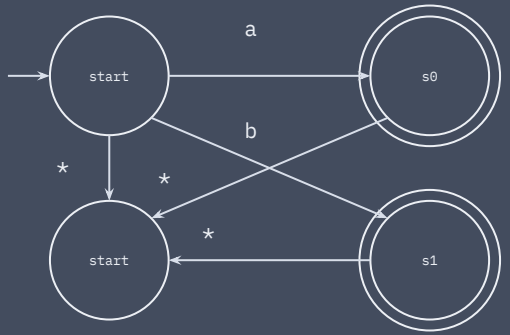
Matches characters in sequence



a | b

Alternation

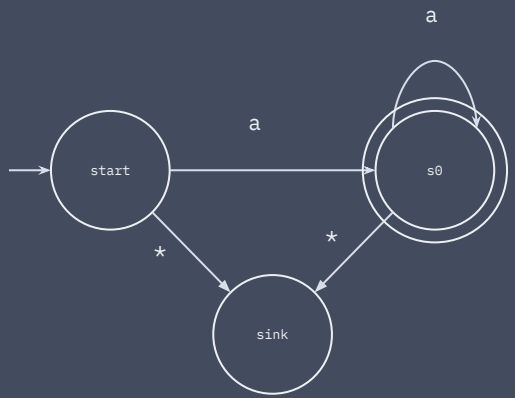
Matches more than one character



a* a+ a?

Repetition

Matches something multiple times



Advanced Operations

- Character Classes
- Intervals
- Groups
- Lists

a | b | c

Lists

Match one of the given characters

d|e|f|...

Negated Lists

Match anything but one of the given characters

`[^\n\r ]`

Character Classes

Common lists turned into shorthand

```
[^\n\r ][^\n\r ][^\n\r ][^\n\r ][^\n\r ]
```

Intervals

Match something a specific number of times

```
\w{3,5}
```

```
[^\n\r ][^\n\r ][^\n\r ][^\n\r ]?[^\n\r ]?
```

Intervals

Match something a specific number of times

Non-Capturing Groups

Groups things together without giving them an index

Capturing Groups

Groups things together and give them an index

Resources

- Blog Post
- Email Regex
- Regexr