Understanding and Applying Regex

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Overview

Creating Regex

High-level tutorial

Regex methods and their differences

App: simple spell-checker

Regex use cases:

– **Search and replace**

– **Match and validate (emails, numbers)**

– **Password strength**

– **And more**

```
.match(/.../g);  // [a, b, c]


.replaceAll(/.../g);
```

Regex Flags

/.../g - global

/.../i - case-insensitive

/.../m - multiline strings

/.../u - related to Unicode

/.../y - matches must start at lastIndex

/.../d - extra info on matched substrings

Regex tips:

- **Reuse existing solutions**
- **Keep your expressions simple. Test a lot.**
- **If too complex – find a non-regex different solution**

Thank you!

(Happy coding)