Regex Observable

Overview

- **Regex produces *sequence* of matches**
- **Sequences can leverage Reactive Extensions**
- **Stream-based Regex-lite**

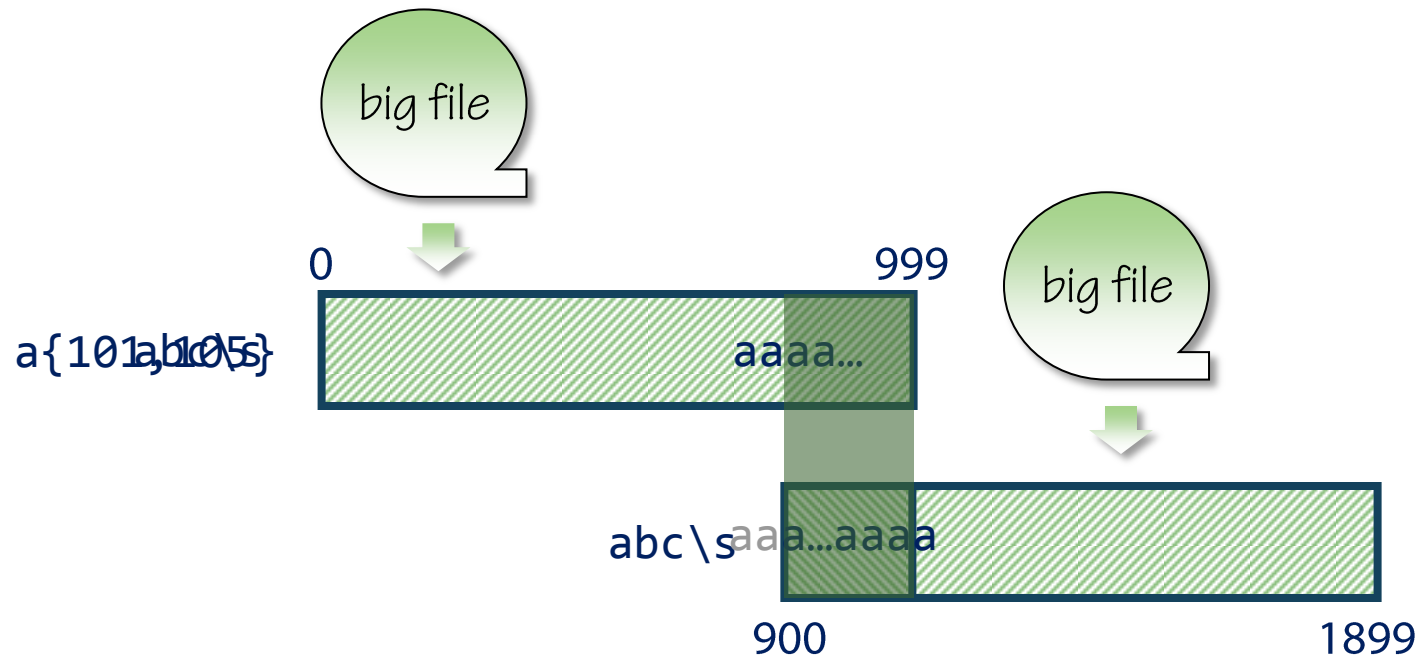abc[^][^\s]*

✚

xyz abc   ysr   abcd   lgb12 abc trvs abc9 r r98

abcd
abc9r

Loop to Observable

Enumerable can be converted to Observable

Not everything implements IEnumerable

yield return to convert arbitrary code to IEnumerable

```
yield return 7;
yield return 108;
yield return 3
```

Overlapped Buffers

Summary

- yield return ⇨ IEnumerable
- Regex Matches can be treated as observable sequence
- Generate + buffers ⇨ apply Regex to file