The A?B*A Pattern

Tool for Detection and Refactoring

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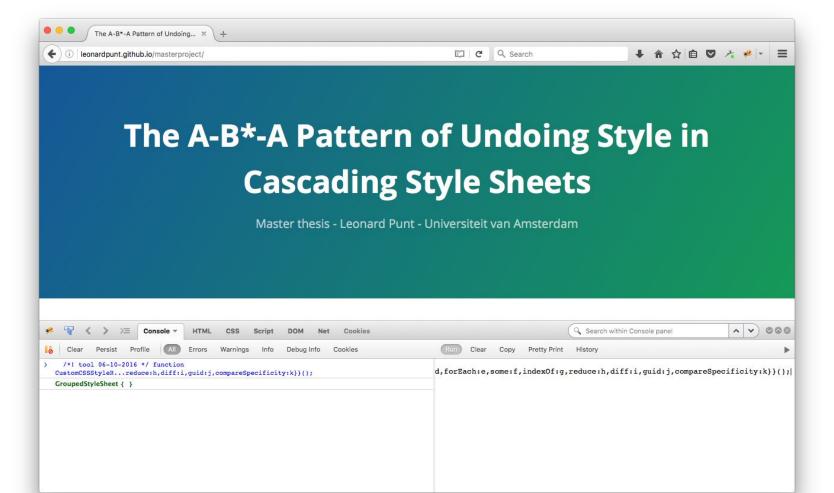
Introduction

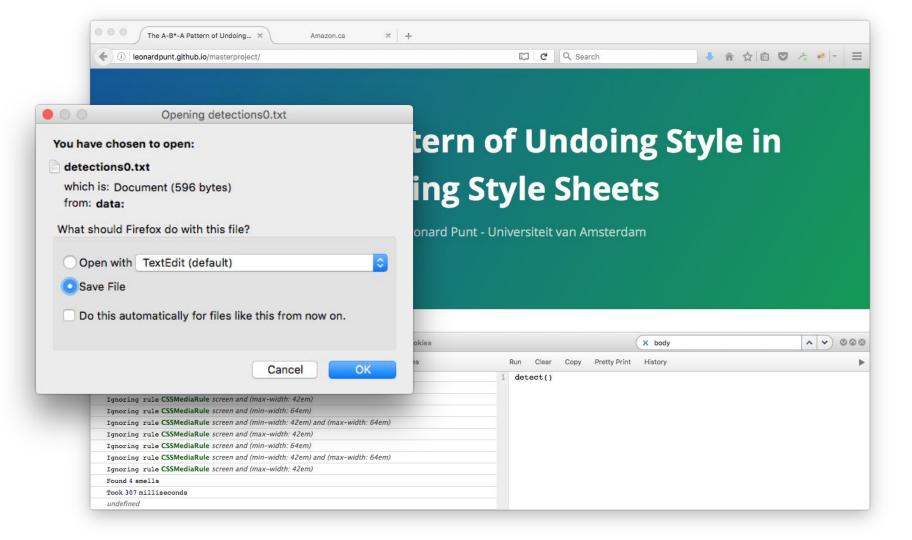
- A?B*A pattern
- Developed a tool that:
 - Detects the A?B*A pattern
 - Applies refactorings
 - Checks semantics
- https://leonardpunt.github.io/masterproject/tool.zip

Artifact

- Insightfulness
- Usefulness
- Usability







```
-- SMELL: 1 --
Smell: A-B(1)-A on margin-top
```

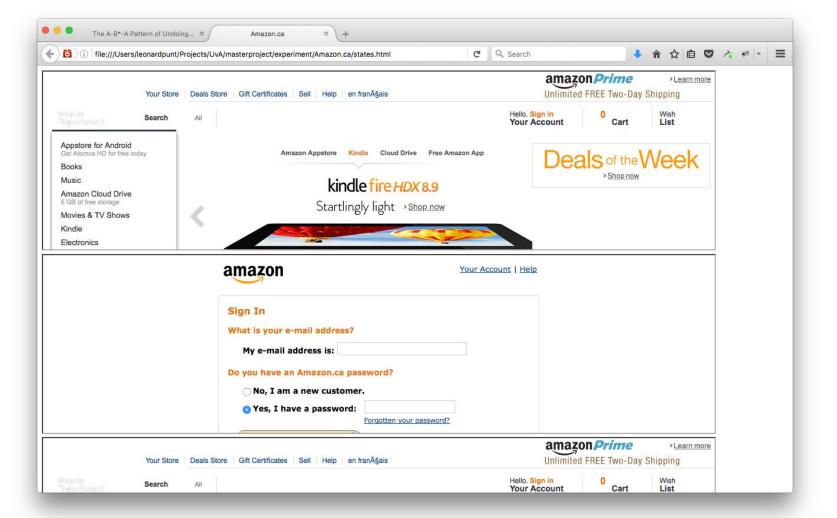
- initial: 0px (p)

- enclosed: 5px (#some-id)

- reset: 0px (#some-id.some-class)

- refactorable: true

- nodes:



Wrap-up

- Try it out
- Future work
 - Capture/generate all possible DOM states
 - More advanced refactorings
 - Improve checking for semantic changes
- https://leonardpunt.github.io/masterproject/tool.zip