

# An Awesome THING

Someone

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## Abstract

We're doing a really cool thing.

## 1 Introduction

Things are cool. Let's do them.

### 1.1 A subsection

We can have subsections too.

And maths:

$$\frac{\{P\}\text{code}\{Q\}}{\{K * P\}\text{code}\{K * Q\}}$$

## 2 You can have citations

Here are some things that you might want to cite:

- O'Hearn, Reynolds and Yang invented separation logic [5].
- Gardner, Smith and Zarfaty started writing about DOM, and published in PODS [3].
- Smith's PhD thesis [6] (all about DOM).
- Gardner and Wheelhouse's work on segments [4].
- Gardner, Maffeis and Smith's POPL paper about JavaScript [2, 1].

## References

- [1] P. Gardner, S. Maffeis, and G. Smith. Towards a program logic for JavaScript. Imperial College London Technical Report number DTR11-11, November 2011. 2

- [2] P. Gardner, S. Maffeis, and G. Smith. Towards a program logic for JavaScript. In *POPL*, 2012. [2](#)
- [3] P. Gardner, G. Smith, M. Wheelhouse, and U. Zarfaty. Local hoare reasoning about DOM. In *Proc. of PODS '08*, pages 261–270. ACM, 2008. [2](#)
- [4] P. A. Gardner and Mark J. Wheelhouse. Small specifications for tree update. In *WSFM-09*, 2009. [2](#)
- [5] P. O’Hearn, J. C. Reynolds, and H. Yang. Local reasoning about programs that alter data structures. In *CSL*, 2001. [2](#)
- [6] G.D. Smith. *Local Reasoning about Web Programs*. PhD thesis, Dep. of Computing, Imperial College London, 2010. [2](#)