

# **Buffy Theory**

**Destructively Testing Distributed Systems Ideas Using a Pony**

Markus Fix

2016-02-18

# Contents

<b>1</b>	<b>Buffy Flow</b>	<b>4</b>
1.1	Notation . . . . .	4

## List of Figures

# 1 Buffy Flow

$$\text{Flow} = \text{WT} \mid \text{Flow}; \text{Flow} \mid \text{Flow} \mid \text{Flow} \mid \text{Flow} \parallel \text{Flow} \mid \overline{\text{Flow}} \mid \overline{\text{Flow}}, \dots, \overline{\text{Flow}}(x, y) \quad (1.1)$$

## 1.1 Notation

- Worker Type  $WT$  (1.2)
- Sequence of Flows  $\text{Flow}; \text{Flow}$  (1.3)
- Type definition OR  $\text{Flow} \mid \text{Flow}$  (1.4)
- Choice of Flows  $\text{Flow} \mid \text{Flow}$  (1.5)
- Fork of Flows  $\text{Flow} \parallel \text{Flow}$  (1.6)
- Join of Flows  $\overline{\text{Flow}}$  (1.7)