Mangofn formalization

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1 Preface

2 Introduction

3 Syntax of Mangofn

3.1 Reserved Words

The following are *reserved words* in Mangofn. These keywords are part of the language syntax and may not be used as identifiers.

Layout Constructs

- `window`
- `column`
- `row`
- `border`

UI Elements

- `button`
- `text`
- `textbox`
- `checkbox`
- `radiobutton`
- `toggleswitch`
- `calendar`

Boolean & Control Values

- `true`, `false`
- `hidden`, `wrap`

Styling Keywords

- `fontfamily`, `fontsize`, `fontweight`, `fontstyle`
- `lineheight`, `textalign`, `textwrap`, `texttrim`
- `color`, `bgcolor`, `margin`, `width`, `height`
- `corner`, `density`, `fill`, `hug`
- `italic`, `underline`, `strikethrough`
- `center`, `left`, `right`

Text Behavior

- `word`, `character`, `notrim`

Color Literals

- `red`, `blue`, `green`, `yellow`, `pink`, `black`, `white`

Language Constructs

- `let`, `function`

Symbols

- { }, ( ), :, ,, =

4   AbSyn

```
Prog = Window { UIElements* Functions* }
```