

The Knotty Companion

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Abstract

This document is the specification of the Knotty language.

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1 Syntax

1.1 Lexicon

These lexemes are **keywords**:

```
unknown constant function let return check
if else true false or and not
```

A **number** is either:

- i, or
- one or more consecutive digits (0 to 9)

An **identifier** is one letter (a to z or A to Z) followed by zero or more letters and digits. Also, an identifier must not be a keyword.

Note: blank characters (spaces, tabs, newlines) are delimiters.

1.2 Grammar

2 Semantics