

The LéPiX Manual

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Chapter 1

General

This is the manual for LéPiX which describes an abstract virtual machine for conducting computation. This manual also specifies the requirements for an implementation of LéPiX, and so also defines the LéPiX language.

Chapter 2

Lexical Conventions

2.1 Character Sets

1. The basic source character set consists of the ASCII letters and symbols.
2. The basic source character set will be used throughout this document to define the language and is the normative set of characters and control characters for this language.
3. The universal character name scheme provides a way to specify names outside of the basic source character set.
4. An implementation may provide support for a superset of the basic source character set or a compatible source character set, providing the following: every character in the basic source character set has a distinct and unambiguous mapping to a character in the implementation-defined source character set.

Chapter 3

Expressions

3.1 Primary Expressions

3.2 Postfix Expressions

3.2.1 Subscription

1. Array Access is done with square brackets and refers to the expression that immediately precedes it.

3.2.2 Function Call

1. Function calls are done with the parentheses and is applied to the expression that immediately precedes it.

3.2.3 Access

1. A period can be applied to the preceding expression to access into the result of that expression.

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