

## Introduction

This document specifies the Welkin information language.

Welkin describes information as the combination of a tree, hypergraph, and labels. Together, these form the basis for storing information in a universal format.

## Conventions

- Artifacts must be copied **identically**. They are listed below.
  - `bootstrap.welkin` is located in Appendix A.
  - `derivation.welkin` is located in Appendix B.
- We write  $(n)$  for the  $n$ -th line in the bootstrap file.
- Every definition is explicitly written. **Every definition MUST exclude Peano Arithmetic.**