

Genealogy Description Language

Syntax, Grammar, Semantics, and Implementation

Travis Whitaker
`tmobile@csh.rit.edu`

July 2014

Abstract

Proposed herein is the draft specification for *Genealogy Description Language* or *GDL*, a compact declarative language for programming the construction of genealogies on arbitrary data sets and the subsequent parametric decomposition of genealogies. GDL aims to be agnostic towards specific problem domains and data models. A reference implementation in the *Haskell* language is also discussed.

Contents

1	Introduction and Rationale	1
2	Genealogy Construction and Decomposition	1
3	Genealogy Description Language	1
4	Examples	1
5	Haskell Implementation Overview	1

1 Introduction and Rationale

Lorem ipsum.

2 Genealogy Construction and Decomposition

Lorem ipsum.

3 Genealogy Description Language

Lorem ipsum.

4 Examples

Lorem ipsum.

5 Haskell Implementation Overview

Lorem Ipsum.