Integrated Development Environment for LOOP, WHILE and GOTO

User Manual

The Theo-IDE Developers

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Introduction

This document serves as an introduction to the use of Theo-IDE, a program developed for a project named *Integrated Development Enviroment for LOOP, WHILE and GOTO* at the University of Applied Sciences Würzburg-Schweinfurt. LOOP, WHILE and GOTO [1] (hereafter referred to as *the project languages*) are the names of a range of simple concept programming languages used within lectures such as *Foundations of Theoretical Computer Science* and are used for demonstrating a range of concepts and isomorphisms in computability theory. Theo-IDE provides a simple explorative enviroment for developing, running and debugging programs written in these languages.

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References

[1]   U. Schöning, *Theoretische Informatik - kurz gefasst* (Spektrum Akademischer Verlag, 2008).