



*FP6-IST-507219*

## **PROSYD:**

*Property-Based System Design*

Instrument: Specific Targeted Research Project

Thematic Priority: Information Society Technologies

### **Annual Response from Accellera (Deliverable 4.3/2)**

Due date of deliverable: February 28, 2005  
Actual submission date: May 1, 2005

Start date of project: January 1, 2004

Duration: Three years

Organisation name of lead contractor for this deliverable: IBM

Revision 1.0

<b>Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)</b>		
<b>Dissemination Level</b>		
<b>PU</b>	Public	<input checked="" type="checkbox"/>
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	<input type="checkbox"/>
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	<input type="checkbox"/>
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	<input type="checkbox"/>

## **Annual Language Study and Recommendation to Accellera**

### **Notices**

For information, contact [harry@accellera.org](mailto:harry@accellera.org).

This document is intended to fulfil the contractual obligations of the PROSYD project concerning deliverable 4.3/2 described in contract number 507219.

The information in this document is provided "as is", and no guarantee or warranty is given that the information is fit for any particular purpose. The user thereof uses the information at its sole risk and liability.

© Copyright PROSYD 2005. All rights reserved.

## Table of Revisions

Version	Date	Description and Reason	By	Affected Sections
0.1	1.4.05	First draft by authors	Cindy Eisner (for Harry Foster)	All
0.2	19.4.05	Editing	Cindy Eisner	1
1.0	28.4.05	Final approval by project coordinator	Cindy Eisner	Version number

## Authors

Harry Foster

## Executive Summary

This document contains the response of Accellera to the 2004 language recommendations presented in deliverable D 4.3/1.

## Purpose

The purpose of this document is to record the response of Accellera to the language recommendations made by the PROSYD consortium as a result of their experience with PSL in the year 2004.

## Intended Audience

This report is intended for the members of the PROSYD consortium.

## Background

The consortium began working with PSL on January 1, 2004, as part of the PROSYD project (see [www.prosyd.org](http://www.prosyd.org)). During the course of the last year and more, they have had numerous opportunities to experience firsthand the advantages of the language as well as areas for improvement. In Deliverable 4.3/1 (Annual Language Study and Recommendations to Accellera) they summarized their recommendations to Accellera based on that experience. In this Deliverable, Accellera responds.

# Contents

Table of Revisions.....	iii
Authors .....	iii
Executive Summary .....	iii
Purpose .....	iii
Intended Audience .....	iii
Background.....	iii
Glossary .....	v
1 Introduction.....	1
2 Response from Accellera.....	2

## Glossary

### **IEEE**

Institute of Electrical and Electronics Engineers. A non-profit, technical professional association of more than 360,000 individual members in approximately 175 countries.

### **PSL**

Property Specification Language, the language for specification of designs upon which PROSYD is based.



# 1 Introduction

In March 2005, the PROSYD consortium submitted deliverable D 4.3/1 (Annual Language Study and Recommendations to Accellera), detailing the recommendations based upon their experience during the past year. There are three relevant versions of the standard:

- Accellera PSL Version 1.01 was the official version as of the start of this project. It was released on April 25, 2003 and approved by Accellera on May 29, 2003.
- Accellera PSL Version 1.1 was released and approved by Accellera on June 9, 2004.
- The first IEEE version of PSL is now undergoing the approval process.

Some of the recommendations detailed in D 4.3/1 were given early in 2004 by email and were already incorporated into Accellera Version 1.1; some were given by email after June 2004 and were considered already for the first IEEE version. The status of these already considered recommendations was recorded in D 4.3/1.

Finally, D 4.3/1 made some completely new recommendations and in addition called the attention of Accellera to some areas in which we expect to make recommendations in the future.

## 2 Response from Accellera

In this section, we record the email response dated April 1, 2005 of Mr. Harry Foster of Accellera, as follows:

Dear Cindy,

Thank you, I received the language recommendations. A good number of the recommendations (those listed under "Previously Submitted Recommendations") have already been considered by the Accellera Formal Verification Technical Committee (FVTC) or by the IEEE P1850 working group, and deliverable 4.3/1 records their status. The IEEE 1850 standard is now undergoing balloting, and is scheduled to be released on September 23, 2005. I have made a record of the new recommendations (those listed under "New Recommendations") and will submit them for discussion in the IEEE P1850 working group when discussions being on the second IEEE version, which is currently schedule for the summer timeframe of 2005.

Best regards,

-Harry  
Chairman Accellera FVTC  
Chairman IEEE P1850