



ESTRELLA - 027655

*European project for
Standardized Transparent Representations
in order to Extend Legal Accessibility
Specific Targeted Research or Innovation Project*

Deliverable N°: 1.5

A Reference Implementation of an Inference Engine for LKIF

Workpackage 1 – LKIF Specification

Report Version: Revised FINAL
Report Preparation Date: January 2008
Classification: Public
Contract Start Date: 1 January 2006
Duration: 30 months
Project Coordinator: Universiteit van Amsterdam (NL)
Lead Contractor Deliverable: Fraunhofer FOKUS (DE)
Participating Contractors: Universiteit van Amsterdam (NL), Universita di Bologna (IT), University of Liverpool (UK), Fraunhofer FOKUS (DE), RuleWise b.v. (NL), RuleBurst (EUROPE) Ltd. (UK), knowledgeTools International GmbH (DE), Budapesti Corvinus Egyetem (HU)



**Project funded by the European Community under the
6th Framework Programme**

Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

Executive Summary

Deliverable D1.5 of ESTRELLA is software: a reference implementation of an inference engine for LKIF. The inference engine is not an application for end users, with a user interface, but rather a library of module's for programmers, written in the Scheme programming language, which can be used to build prototypes of such applications, or as a model for re-implementation in other programming languages. The architecture and APIs of these software modules is documented fully in ESTRELLA Deliverable D1.6 "Specification of APIs for Interacting and Using Legal Knowledge Systems".