**Datasheet of the IKTA4/121 project**

**I.** *Integrating Web resources into the AgentCities Multi-Agent Initiative of the EU*

Project start: January 1, 2002, duration: 17 months.

Amount of support: KHUF 35 000, total project cost: KHUF 111 352.

Project leader:   ***Varga László Zsolt Dr.***
MTA Számítástechnikai és Automatizálási Kutatóintézet Rendszerfejlesztési Osztály
H-1111 Budapest, Kende u. 13-17.
<***http://laszlo.varga@sztaki.hu***>, phone: +36 (1) 209-5270

Project URL: <>

**II.  Consortium members** (number of members = **4**, the first member is the project co-ordinator)

| no | name | support | total cost |
|----|------|---------|-----------|
| 1. | Hungarian Academy of  Sciences, Computer and Automation Research Institute, Dept. for Systems Development | KHUF 21 050 | KHUF 60 072 |
| 2. | National Széchényi Library | KHUF 1 650 | KHUF 6 080 |
| 3. | debis IT Services Dataware Ltd. | KHUF 6 200 | KHUF 22 800 |
| 4. | Agent-lab Ltd. | KHUF 6 100 | KHUF 22 400 |

**III. Public presentations**

No presentation is available.

**IV.  Goals of the project**

An increasing number of computer systems are being viewed in terms of autonomous agents.The Foundation for Intelligent Physical Agents (FIPA) was formed in 1996 in Geneva to produce software standards for heterogeneous and interacting agents and agent-based systems.  The core mission of the FIPA standards consortium is to facilitate the interworking of agents and agent systems across multiple vendors' platforms in modern commercial and industrial settings.

The objective of The AgentCities Working Group of FIPA is to encourage and support the development of a continually available, publicly accessible network of deployed FIPA agent services. This network is to serve as an experimental testbed for interoperability testing, application development and as a showcase for FIPA technology.

The goal of this project proposal is to work towards an interface technology that enables the generation of an agent layer from an internet information source. The internet information source can then behave as a FIPA conformant agent using this communication layer. This interface technology potentially opens the whole internet space for the AgentCitites initiative.

The interface technology developed in the project will be demonstrated on a library system. There are web based interfaces to library systems. A librarian agent will be installed in the  Budapest AgentCities node as a prototype agent service.

**V.   Project results** (in case of finished projects)

The project is not finished.

**VI. Data on consortium members** (number of members = **4**)

1. *Hungarian Academy of Sciences, Computer and Automation Research Institute, Dept. for Systems Development* (co-ordinator)

   URL: <>

   Support for the co-ordinator: KHUF 21 050, and its total cost: KHUF 60 072.
   Contract number: .

   Team leader: *Varga László Zsolt Dr.*
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2. *National Széchényi Library*

   URL: <>

   Support for the consortium member: KHUF 1 650, and its total cost: KHUF 6 080.
   Contract number: .

   Team leader: *Horváth Ádám*
   Országos Széchényi Könyvtár
   H-1827 Budapest, Budavári Palota F épület
   <*http://adam.horvath@oszk.hu*>, phone: +36 (1) 224-3737

3. *debis IT Services Dataware Ltd.*

   URL: <>

   Support for the consortium member: KHUF 6 200, and its total cost: KHUF 22 800.
   Contract number: .

   Team leader: *Fábián Gyula Dr.*
   debis IT Services Dataware Kft.
   H-1149 Budapest, Angol u. 34.
   <*http://gyula.fabian@dataware.debis.hu*>, phone: +36 (1) 467-1100

4. *Agent-lab Ltd.*

   URL: <*http://www.agent-lab.com*>

   Support for the consortium member: KHUF 6 100, and its total cost: KHUF 22 400.
   Contract number: .

   Team leader: *Tatai Gábor*
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