



PReservation **O**rganizations using **T**ools in **A**gent **E**nvironments

Hamid Rofoogaran

LDP Centre

Luleå University of Technology – Sweden

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The Consortium

- **National Archives of Sweden**
- **Luleå University of Technology (Sweden)**
- **National Archives of Estonia**
- **Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. (Germany)**
- **University of Bradford (U. K.)**
- **EASY Innova S.L. (Spain)**
- **Giunti Labs S.r.l. (Italy)**



The Project

- Protage is a 3 year STREP
- Started in November 2007
- Is funded under Theme 4.1 as one of the “radically new approaches to digital preservation”.

It is looking at application of software agent technology to digital preservation issues.



The main idea

- **The aim of the project is to investigate and initiate complementary new approaches to digital preservation.**
 - **The PROTAGE Approach is to link digital objects to long-term digital preservation processes by using agent-based software technology.**
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The objectives

- **Research about the potential of software agents**
- **PROTAGE prototype;**
- **Implementation in various organisational environments;**
- **Integration of PROTAGE solutions with other digital preservation environments;**
- **Synergies with other RTD activities**



How?

- Focus on the three use scenarios:
 - Submission to a repository
 - Monitoring preservation and transfer
 - Transfer of data

 - The first iteration of agent tools will be developed in partnership with the national archives that are involved in the project

 - The next iterations will involve other users like record-creating agencies, libraries, museums publishers, but also private individuals
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Agents: What are they?

An agent is a computer system that is capable of independent action on behalf of its user or owner (figuring out what needs to be done to satisfy design objectives, rather than constantly being told)

(Jennings 1998)

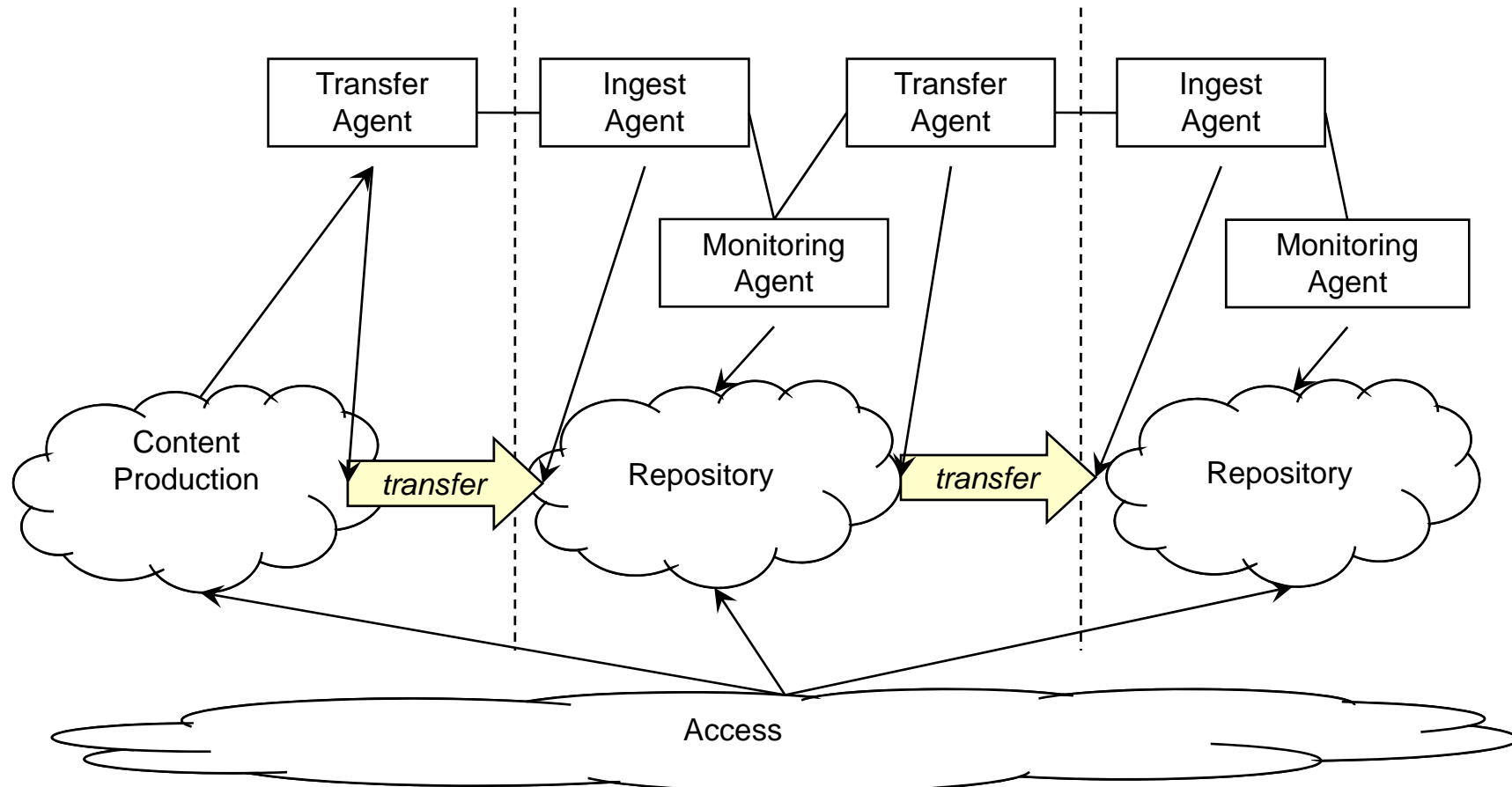


The agents

Content Provider

Library / Web Site

Long-term Archive





The results

- allow content producers to create and publish in a preservation-compatible manner,
- provide digital repositories with means of further automating the preservation processes,
- facilitate seamless interoperation between content providers, libraries and archives, and end-users throughout Europe.



You are important for us

- we are closely looking at the results of all the other EU funded projects, like the EPOCH, and are welcoming collaboration with other projects for interfaces and shared services with them. And we will also be organising a number of stakeholder workshops , most likely next autumn where everyone is warmly welcome .



Thank you for your attention!

Visit us at :

www.protage.eu
