Initial communication and dissemination plan

Elias Alevizos, Alexander Artikis, George Giannakopoulos and George Paliouras

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Author(s) Elias Alevizos, Alexander Artikis, George Giannakopoulos and George Paliouras
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Executive Summary

This deliverable focuses on specifying how the results of SPEEDD are to be disseminated both within the scientific community and the general public.
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Introduction

1.1 History of the Document

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1.2 Purpose and Scope of the Document

The initial communication and dissemination plan of SPEEDD will be used by the partners of the consortium.

The purpose of this document is to describe the major dissemination objectives, define common guidelines to be used by all partners and provide the first set of dissemination actions and material.
Scientific Dissemination

The SPEEDD dissemination targets of the academic partners are mainly **excellence building, knowledge transfer, education** and later **research** in SPEEDD-related areas. In the following, the suggested activities are discussed.

### 2.1 Scientific Publications

In the course of the SPEEDD project, the academic partners will publish innovations that will result from the project. These publications will mainly be of scientific nature and will target renowned scientific publication outlets (i.e., international peer-reviewed conferences and journals). The SPEEDD publications will contribute to demonstrating the advancement of the expertise and excellence of the research group involved in the project. The SPEEDD consortium has already released one scientific paper at the upcoming SETN 2014 conference\(^1\) and has presented a tutorial on formal methods for event processing at the EDBT/ICDT 2014 conference\(^2\). By these means, we aim to facilitate a sustainable development of the research group. In addition to scientific publications, we also aim to release informal publications, including LinkedIn entries and the project’s web dissemination channels. Also, several public deliverables will be released, including a roadmap report, which will propose ways to advance event-driven decision making and QA beyond the end of the project. Furthermore, we will release teaching material, which will be used during summer schools as well as presentations and videos on platforms such as SlideShare\(^3\), SlideWiki\(^4\) and Videolectures\(^5\).

SPEEDD targets specific relevant scientific and industrial conferences and journals, like the ones presented in the two following tables:


\(^3\)[http://www.slideshare.net](http://www.slideshare.net)

\(^4\)[http://slidewiki.org/](http://slidewiki.org/)

\(^5\)[http://videolectures.net/](http://videolectures.net/)
### Area

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<tr>
<td>Event and data Management</td>
<td>ACM Distributed Event-based Systems (DEBS)</td>
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<td>ACM SIGMOD</td>
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<td>Software, Knowledge, Information, Industrial Management and Applications (SKIMA)</td>
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<td>Intelligent transportation systems International</td>
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2.2 Events

The SPEEDD partners will try to organize a workshop along with other related EU projects, such as the projects EPPICS\(^6\), FERARI\(^7\), INSIGHT\(^8\), and QUALIMASTER\(^9\). All of these projects conduct research on the field of real-time processing of heterogeneous Big Data and collaboration with them could prove beneficial for all partners.

The SPEEDD workshop will aim to attract both participating researchers and non-participating yet interested researchers and companies. The workshop will be made public via the SPEEDD leaflet and website and communicated throughout a variety of channels such as LinkedIn entries. During the workshop, the project results (Complex Event Processing engines, performance metrics, etc.) will be advertised. In addition to organizing the SPEEDD workshop, the academic partners plan to participate

\(^6\)http://eppics-project.eu/
\(^7\)http://www.ferari-project.eu/
\(^8\)http://www.insight-ict.eu/
\(^9\)http://qualimaster.eu/
2.3 Collaborations

During the three years of the project, the relations among the partners of the project will be strengthened and can lead to further collaborations in future projects. Also, the organization of the workshop as well as the participation to the events mentioned in the previous section, will give the opportunity to meet researchers and companies of the domain and to lay the foundations for possible future collaborations. Examples of such collaborations which have already started comprise the *Memorandum of Understanding* which has been mutually signed between SPEEDD and the EPPICS project. Moreover, the IBM team associated with the SPEEDD project collaborates with the FISPACE\(^\text{10}\) EU project. FISPACE tests its platform on eight different use cases, from which a few proactive scenarios can be obtained which can enrich the SPEEDD requirements.

2.4 Teaching

An important aspect of disseminating expertise and knowledge gained within the project is through the curricula of students studying at the academic institutions participating in the project (ETH, the University of Birmingham and the Technion). Although these activities are not directly part of the project, they are important for disseminating best-practices and knowledge, as well as for preparing students to work with innovative relevant technologies. Theses, both at undergraduate and postgraduate level related to the project, will also be assigned to students. Also, the topics of the project will influence some of the lectures, seminars and practical work which are held at the academic partners’ institutions.

2.5 Software Releases

In addition to the software releases that constitute formal project deliverables, the SPEEDD consortium will be releasing a number of software components and/or intermediate releases as open-source to the wider public. The RTEC complex event processing/recognition engine\(^\text{11}\), developed by NCSR, has already been released as open-source, to be followed by (any of) its future extensions. The software releases will be announced on the website as well as at mailing lists and blogs. In addition, the source code and installation archives will be available at major open-source project repositories such as GitHub\(^\text{12}\). Moreover, some of the evaluation datasets from the traffic management use case, produced by the microsimulator of CNRS, will also be released. Due to privacy issues, datasets from the credit card fraud use case will not be publicly released.

NCSR and SciFY\(^\text{13}\) (SciFY is subcontracted by NCSR for dissemination purposes) have conducted a first meeting to create a roadmap for the dissemination of open source software tools produced and used within SPEEDD. The Complex Event Processing engines of IBM and NCSR will be endorsed in our dissemination process. The dissemination steps that will be followed are as follows:

- Create a landing page for the tools. The landing page will provide easy-to-understand information, in a well-established manner. The information will contain: an overview of the tool, the main features of the tool, as well as contact information.

\(^{10}\)http://www.fispaces.eu/
\(^{11}\)http://users.lit.demokritos.gr/~a.artikis/EC.html
\(^{12}\)http://github.com
\(^{13}\)www.scify.gr

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- Create a demo page. The demo page will illustrate the workflow of the tool and will allow a real-time application of the tool, based on demo input. The output of the process will be shown as a response.

- SciFY will create a flow that will allow the expression of interest for the effort and tool. This will illustrate possible collaborators, stakeholders and user groups.

NCSR and SciFY also performed a brain-storming session for future steps, which may include: social media presence (e.g. Twitter, Github); provision of a public API for the tools (where applicable); friendly API documentation, with easy to understand examples; integration of all tools under a common open architecture (if applicable).

2.6 Advertisement

The dissemination of the idea will be done through several channels. Besides the project website, which is already functional, the opportunities offered by social media platforms, such as LinkedIn, will also be exploited. The IBM SPEEDD team will present the work internally in IBM to relevant executives and development teams in order to try and influence the exploitation of technologies developed in SPEEDD in future IBM products. As per D2.9, the members of the consortium will edit a special issue on the topics of SPEEDD in a high quality journal of the field. Finally, the press material that has been and will be developed throughout the project can be distributed in conferences and other events in which members of SPEEDD will participate.