

European Commission
 Joint Research Centre - Ispra Site

Date: 22.10.2014
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Mission Report

<i>Name</i> [Redacted]	<i>Institute/Unit/Project</i> IPSC/ GlobeSec/EMM
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Object of the mission
Give on-site introduction and tutorial to EMM OSINT Suite software for Lithuanian Customs Demonstrate EMM Media Monitoring Suite and OSINT Desktop Suite at meeting organised by the Lithuanian Cybercrime Centre of Excellence (L3CE) to law enforcement officers and university researchers.

Place, date, organizations visited and contacted persons
<i>(Please continue on a separate sheet, if necessary)</i>

15.10.2014 LT Customs training centre, Vilnius 16.10.2014 Mykolo Romerio Universit, Vilnius	[Redacted] Information Analysis Division [Redacted] LT Cybercrime Centre of Excellence (L3CE)
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Other Participants		Distribution List
<i>Of the establishment</i>	<i>Other services of the Commission</i>	Obligatory(*) + [Redacted] [Redacted] (*), JRC [Redacted] (*), JRC [Redacted] (*), JRC globesec-secretariat@jrc.ec.europa.eu (*), JRC GlobeSec Unit, JRC globesec-ipsc@jrc.it
		For sensitive mission reports, distribution must only be only to persons indicated by (*) and relevant staff members of the GlobeSec Unit

Main Results of the mission:

Training at Lithuanian Customs Training Centre

Background

The JRC has developed based on its research in information extraction and mining a number of software tools in collaboration with DG HOME and law enforcement authorities in the MS. Under an Administrative Arrangement with DG HOME we are currently disseminating the software to law enforcement and also specific customs authorities (e.g. customs criminal service). Part of this disseminating strategy is to provide on-site trainings to teach customers to adopt the software for their specific use cases.

Tutorial and Discussion

I was invited by the Lithuanian Customs Criminal Service to give an on-site tutorial to ease the adoption of the EMM OSINT Suite software for their specific purposes. The Lithuanian Customs Criminal Service is one of the last MS authorities to have licensed the software for operational use.

As part of the tutorial we worked interactively through the course material we have developed for this format of teaching. We noticed that the support for Lithuanian language is currently quite limited since the needed language specific resources are not yet integrated or developed.

Follow-up Actions

- Improve the support for Baltic Languages in the EMM OSINT Suite and the EMM processing chain
- Improve software based on direct feedback of the customer during the tutorial
- Keep tutorial material up-to-date with new functions of the software

Talk at the LT Cybercrime Centre (L3CE)

Background

The Lithuanian Cyber Crime Centre of Excellence (L3CE) for Training Research and Education intends to participate in a call from DG Justice together with the state security department of Lithuania and partners from Latvia, Spain, Ireland, UK and Slovenia. The call JUST/2014/RRAC/AG¹ grants funding to projects to prevent and combat racism, xenophobia, homophobia and other forms of intolerance.

The project idea to be submitted for the grant application is to construct and implement an automated tool (IT solution based on OSINT technologies) that would detect, analyse, profile and report appearances of Hate Speech in the cyber space. The tool set should be made operational on the national level of all MS of the participating consortium partners. Currently, they are looking for already developed OSINT tools to form a basis or to be integrated in the tool set.

The L3CE spoke to DG HOME about this project idea. [REDACTED] (policy officer HOME.A.2 organised crime) referred the L3CE to the JRC to evaluate the EMM OSINT tools which the JRC has developed in collaboration with DG HOME and is sharing with the law enforcement authorities in the MS

Presentation and Discussion

I demonstrated the EMM OSINT tools to the participants of the meeting. The meeting took place in a meeting room at the Mykolo Romerio University. During the presentation I could answer a lot of questions regarding the support of EU languages and especially the multi-language capability of the tools. Especially the researchers taking part in the meeting were interested in our scientific publications in the field and the different functional modules of the software.

The L3CE wishes the JRC to take part as partner in the project application to be able to further evaluate JRC's software and potentially use it as a basis for the project. In return the project partners from the Baltic States would be willing to share language resources they have developed to improve the support of the Baltic languages in JRC's toolset.

I pointed out, subject to further discussions with my superiors; the JRC may not be able to take part as a full partner due legal restrictions and also potentially a lack of personnel resources. However, we will

¹ http://ec.europa.eu/justice/grants1/calls/just_2014_rrac_ag_en.htm

discuss what kind of support the JRC can give to this project which is also politically supported by the Lithuanian government.

After the presentation which took with Q&A almost three hours, the participants of the meeting were given a short tour of the computer science department at Vilnius University. The CS department is almost across the street of ██████████ University. The CS department features state of the art computer labs and a super computer cluster (2000 CPU cores).

Follow-up actions

- Refer on relevant JRC publications to language researchers
- Discuss internally whether an associate project partnership is feasible for the JRC
- Discuss internally, which kind of technical/scientific support can be provided to reuse parts of our software tools

Customer observations

The Lithuanian Customs Criminal Service has licensed the EMM OSINT Suite software for operational use. According to their deputy head of the information analysis division it is especially for newer MS of the EU a great help to have a free software solution to get started with OSINT related investigations. They are willing to use the tool in one of their future projects and give the JRC feedback on its use.