Report on SCA/SCB Course

Title of the course

RESEARCH FACILITY: Uses and potentialities of the CorTexT-Risis Platform

Venue

LISIS Unit, CorTexT-Lab
Université Paris-Est Marne-la-Vallée Bât Bois de
l'étang- Room C. 219
3, rue Galilée – Champs-sur-Marne 77454
MARNE-LA-VALLEE CEDEX
France

Date

10 -12 May 2017

Organizers

LISIS Unit, CorTexT-Lab
The SCA was organized by the cortex-Lab Team which develop the RISIS Facility
The following fellow of the Platform have been mobilized during the two days for lecture, direct help with learning-by-doing, on-line assistance and administrative support.

Name	Mail	Function
BARBIER Marc	Marc.barbier@grignon.inra.fr	CortextLab Director - Researcher
COINTET Jean-Philippe	jphcoi@gmail.com	Researcher and Data Scientits
BREUCKER Philippe	breucker@ifris.org	IT Engineer
VILLARD Lionel	lionel.villard@esiee.fr	IT Engineer
SCHOEN Antoine	a.schoen@esiee.fr	Researcher
AGBLO Kevin	kevin.agblo@u-pem.fr	Administrative Support

Objectives

The objective of the course is to introduce participants to the uses of the CorTexT.Risis platform, a research facility in S&T Studies proposed under the RISIS Infrastructure Project. Thanks to short lectures, demos, worshop and practical training participants should get enough skills to develop research work on various types of DataBase that trace science and innovation dynamics. The course will focus on three majors imputs
A step-by-step demonstration of how to use the CorTexT.Risis Platform: database upload and parsing, Terms extraction, Statistics and demography of entities, socio-semantic analysis.
The participants will be trained to use the various scripts offered for terminologic extraction and network analysis in order to analyse databases and frame research questions. The training sessions will be oriented towards the understanding of co-word analysis and the interpretation of graphs. Some demos will be proposed as template for the analysis of socio-semantic networks in S&T dynamics.

Main results

The participants have been trained to use the various scripts offered for terminology extraction and network analysis in order to analyse databases and frame research questions. The training sessions have been oriented towards the understanding of co-word analysis and the interpretation of graphs. Some demos have been proposed and explained with details and a lot of interactions as template for the analysis of socio-semantic network in S&T dynamics.
The program has been followed, the only change was to postpone to the Day 2 the last session of day 1 in order to favour on-going learning with the interface. The interactions have been of high quality in relation to various type of uses: directly for research purpose in SPS or directly for research policy making at the lab level or department level.
All the slides of lectures have been delivered to participant through a web-repository, says:

- a training book with programme, presentation of datasets, list of references
- a detailed documentation about the interface in a type of User manual
- articles published by the members of the CorTexT-Lab
- evaluation sheet

Participants have expressed their important to high satisfaction (see evaluations records)

Materials available at: http://risis.eu/event/cortext-2ndcourse/

ANNEX 1

LIST OF PARTICIPANTS

NAME	SURNAME	MAIL
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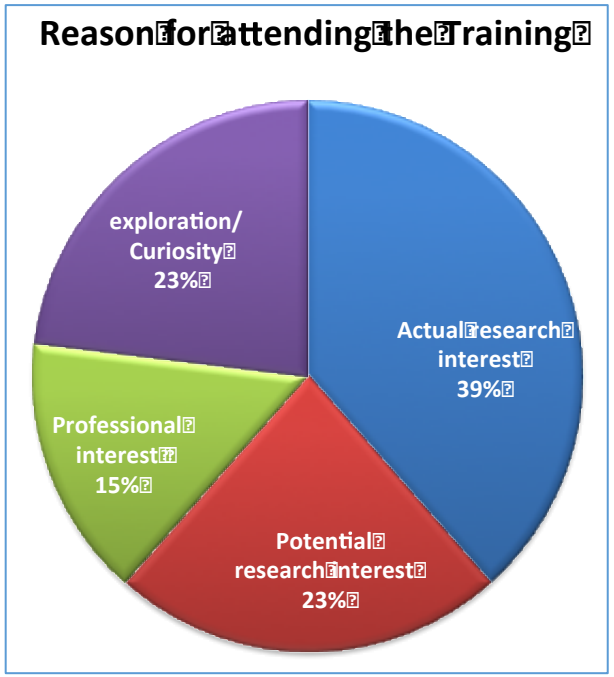
Briday	Régis	regis.briday@enpc.fr

ANNEX 2
PROGRAMME

Day 1 - May 10th, 2017
13h30-14h00: Welcome
14h00-16h00: Introduction about Objectives + roundtable with participants
16h30-18h00: Methodology of use
Day 2 - May 11th, 2017
09h-12h30: Step by Step Demonstration with Feed-Back and discussions
. Datasets query, upload and parsing
. Terminological extraction and list building
14h00-18h30: Step by Step Demonstration with Feed-Back and discussions
. Metrics and best practices
. Analysis: demography, period detector, network analysis
20 h00: Diner
Day 3 – 12 May 10th, 2017
09h30-10h30: Personal use: creating a project and datasets analysis
13h30-15h30: Personal use: Results
16h00-17h00: Participants discuss outputs + feedback and recap

ANNEX 3: EVALUATION

ASSESSMENT



RATINGS

Answers to evaluation questionnary	No	Rather no	Rather yes	Yes	No opinion
Where the course objectives clearly defined?					
Were the contents of the course consistent with the course description?					
Were the contents of the course consistent with the course description?					
Has this course stimulated your interest in the subject it dealt with?					
Was the course well organised?					
Do you think that teaching materials facilitated learning?					
Overall satisfaction	8,5 / 10				

BEST FEATURES

	8. What were the best features of the course?
1	• The hands-on practice on day 3 • bringing the theoritical concepts in day 2
2	• Hands-on • Number (numerous) of trainers
3	• Concrete examples
4	• The hands-on approach
5	• To help to understand the use of the platfrom
6	n/a
7	• Adaptation to participants' level

ANNEXE 4: RECALLING COURSE OBJECTIVES

The objective of the course is to introduce participants to the uses of the CorTexT.RISIS platform, a research facility in S&T Studies proposed under the RISIS Infrastructure Project. Thanks to short lectures, demos, workshop and practical training participants should get enough skills to develop research work on various types of DataBase that trace science and innovation dynamics. The general existing RISIS database will be mobilised (like Patstat, Web of Science, Corporate Invention Board, EUPRO and others) and possibly other datasets that participants could bring.

Participants will be trained to use the various scripts offered for terminological extraction and network analysis in order to analyse datasets and to frame research questions according to their scientific goals. The training sessions will be oriented towards the understanding of co-word analysis and the interpretation of graphs. Demonstrations will be proposed as templates for main features of running the analysis of socio-semantic network in S&T dynamics, while using available DataBase of the RISIS project. During the second day, participants will put at work these best practices in the analysis of their own data sets. The course will focus on three majors inputs:

• An overall view of the scientific and technological landscape of platforms of Digital Humanities and a synthesis of the key heuristics that ground the Platform.
• A step by step demonstration of how to use the CorTexT.Risis Platform
• A learning-by-doing approach of using the various potentialities of the CorTexT.Risis Platform.