The 2012 Conference of the
North American Chapter of the Association for
Computational Linguistics:
Human Language Technologies

Demonstration Session

Aria Haghighi and Yaser Al-Onaizan
Co-Chairs

June 3-8, 2012
Montréal, Canada
Demonstrations Co-Chairs:

Aria Haghghi, Prismatic (USA)
Yaser Al-Onaizan, IBM T.J. Watson Research Center (USA)
# Table of Contents

**DeSoCoRe: Detecting Source Code Re-Use across Programming Languages**
Enrique Flores, Alberto Barrón-Cedeño, Paolo Rosso and Lidia Moreno .............................. 1

**A Graphical User Interface for Feature-Based Opinion Mining**
Pedro Paulo Balage Filho, Caroline Brun and Gilbert Rondeau ........................................... 5

**Navigating Large Comment Threads with CoFi**
Christine Doran, Guido Zarrella and John C. Henderson ...................................................... 9

**SurfShop: combing a product ontology with topic model results for online window-shopping.**
Zofia Stankiewicz and Satoshi Sekine .................................................................................. 13

**An Interactive Humanoid Robot Exhibiting Flexible Sub-Dialogues**
Heriberto Cuayahuitl and Ivana Kruijff-Korbayová ................................................................. 17

**MSR SPLAT, a language analysis toolkit**
Chris Quirk, Pallavi Choudhury, Jianfeng Gao, Hisami Suzuki, Kristina Toutanova, Michael Gamon, Wen-tau Yih, Colin Cherry and Lucy Vanderwende .................................................. 21

**Incremental Speech Understanding in a Multi-Party Virtual Human Dialogue System**
David DeVault and David Traum ............................................................................................. 25

**A Robust Shallow Temporal Reasoning System**
Ran Zhao, Quang Do and Dan Roth ...................................................................................... 29

**AttitudeMiner: Mining Attitude from Online Discussions**
Amjad Abu-Jbara, Ahmed Hassan and Dragomir Radev .......................................................... 33
Demonstrations Program

Monday, June 4, 2012

Poster and Demo Plenary Session

4:30–5:30 One-Minute Madness: Poster and Demo Previews

5:30–6:00 Break

6:00–9:00 Demonstration Session

DeSoCoRe: Detecting Source Code Re-Use across Programming Languages
Enrique Flores, Alberto Barrón-Cedeño, Paolo Rosso and Lidia Moreno

A Graphical User Interface for Feature-Based Opinion Mining
Pedro Paulo Balage Filho, Caroline Brun and Gilbert Rondeau

Navigating Large Comment Threads with CoFi
Christine Doran, Guido Zarrella and John C. Henderson

SurfShop: combining a product ontology with topic model results for online window-shopping.
Zofia Stankiewicz and Satoshi Sekine

An Interactive Humanoid Robot Exhibiting Flexible Sub-Dialogues
Heriberto Cuayáhuitl and Ivana Kruijff-Korbayová

MSR SPLAT, a language analysis toolkit
Chris Quirk, Pallavi Choudhury, Jianfeng Gao, Hisami Suzuki, Kristina Toutanova, Michael Gamon, Wen-tau Yih, Colin Cherry and Lucy Vanderwende

Incremental Speech Understanding in a Multi-Party Virtual Human Dialogue System
David DeVault and David Traum

A Robust Shallow Temporal Reasoning System
Ran Zhao, Quang Do and Dan Roth

AttitudeMiner: Mining Attitude from Online Discussions
Amjad Abu-Jbara, Ahmed Hassan and Dragomir Radev