Workshop for NLP Open Source Software 2018

Held at ACL 2018

Melbourne, Australia 20 July 2018

ISBN: 978-1-5108-6712-3

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2018) by the Association for Computational Linguistics All rights reserved.

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics 209 N. Eighth Street Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006 Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400

Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

The ACL Anthology: Current State and Future Directions Daniel Gildea, Min-Yen Kan, Nitin Madnani, Christoph Teichmann and Martin Villalba
AllenNLP: A Deep Semantic Natural Language Processing Platform Matt Gardner, Joel Grus, Mark Neumann, Oyvind Tafjord, Pradeep Dasigi, Nelson F. Liu, Matthew Peters, Michael Schmitz and Luke Zettlemoyer
Integrating Multiple NLP Technologies into an Open-source Platform for Multilingual Media Monitoring Ulrich Germann, Renars Liepins, Didzis Gosko and Guntis Barzdins
OpenSeq2Seq: Extensible Toolkit for Distributed and Mixed Precision Training of Sequence-to-Sequence Models Oleksii Kuchaiev, Boris Ginsburg, Igor Gitman, Vitaly Lavrukhin, Carl Case and Paulius Micikevicius
The Annotated Transformer Alexander Rush
Stop Word Lists in Free Open-source Software Packages Joel Nothman, Hanmin Qin and Roman Yurchak
Baseline: A Library for Rapid Modeling, Experimentation and Development of Deep Learning Algorithms targeting NLP Daniel Pressel, Sagnik Ray Choudhury, Brian Lester, Yanjie Zhao and Matt Barta
The risk of sub-optimal use of Open Source NLP Software: UKB is inadvertently state-of-the-art in knowledge-based WSD Eneko Agirre, Oier Lopez de Lacalle and Aitor Soroa
Texar: A Modularized, Versatile, and Extensible Toolbox for Text Generation Zhiting Hu, Zichao Yang, Tiancheng Zhao, Haoran Shi, Junxian He, Di Wang, Xuezhe Ma, Zhengzhong Liu, Xiaodan Liang, Lianhui Qin, Devendra Singh Chaplot, Bowen Tan, Xingjiang Yu and Eric Xing