SocialSOM:

Topic Detection on Twitter by Organizing Tweets on User Similarity

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Abstract. 70 and at most 150 words

Keywords: topic detection, twitter, self-organizing maps, classification, clustering

1 Introduction

- 1.1 Subsection 1
- ☐ Tenho de escrever uma introducao
- 2 Objectives
- 3 Related Work
- 4 Architecture
- 5 Evaluation Metrics

References

- Smith, T.F., Waterman, M.S.: Identification of Common Molecular Subsequences.
 J. Mol. Biol. 147, 195–197 (1981)
- 2. May, P., Ehrlich, H.C., Steinke, T.: ZIB Structure Prediction Pipeline: Composing a Complex Biological Workflow through Web Services. In: Nagel, W.E., Walter, W.V., Lehner, W. (eds.) Euro-Par 2006. LNCS, vol. 4128, pp. 1148–1158. Springer, Heidelberg (2006)
- 3. Foster, I., Kesselman, C.: The Grid: Blueprint for a New Computing Infrastructure. Morgan Kaufmann, San Francisco (1999)
- 4. Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C.: Grid Information Services for Distributed Resource Sharing. In: 10th IEEE International Symposium on High Performance Distributed Computing, pp. 181–184. IEEE Press, New York (2001)

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- 5. Foster, I., Kesselman, C., Nick, J., Tuecke, S.: The Physiology of the Grid: an Open Grid Services Architecture for Distributed Systems Integration. Technical report, Global Grid Forum (2002)
- 6. National Center for Biotechnology Information, http://www.ncbi.nlm.nih.gov