

Building Natural Language Generation Systems



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出版者:Cambridge University Press

出版时间:2008-1-12

装帧:Paperback

isbn:9780521024518

This book explains how to build Natural Language Generation (NLG) systems - computer software systems which use techniques from artificial intelligence and computational linguistics to automatically generate understandable texts in English or other human languages, either in isolation or as part of multimedia documents, Web pages, and speech output systems. Typically starting from some non-linguistic representation of information as input, NLG systems use knowledge about language and the application domain to automatically produce documents, reports, explanations, help messages, and other kinds of texts. The book covers the algorithms and representations needed to perform the core tasks of document planning, microplanning, and surface realization, using a case study to show how these components fit together. It also discusses engineering issues such as system architecture, requirements analysis, and the integration of text generation into multimedia and speech output systems.

作者介绍:

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标签

NLG

NLP

语言学

自然语言处理

NLP_series

评论

对于各个模块的功能描述较多较好，具体实现方法描述较少，木有基础的人读下来应该也不会有困难、(ノ▽ノ)ノ

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书评

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