Addition of Hyphenation Rules to the Uppsala Chart Processor Grammar

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Preface by the editor

SCARRIE is short for Scandinavian Proof-reading Tools. It is the name of a project within the EU TELEMATICS APPLICATIONS Programme. The project run for 30 months starting in November 1996.

"The SCARRIE project aims at the development of a high-quality proof-reading tool for the Scandinavian publishing industry. A concrete concrete result of the project will be a carefully evaluated demonstrator, the SCARRIE pilot, designed to meet the needs formulated by a user group consisting of representatives for Danish, Norwegian and Swedish newspapers and publishing houses." (from LE3-4239 SCARRIE Project Programme. Annex I.)

The SCARRIE demonstrator for Swedish was developed by the Department of Linguistics at Uppsala university. Fundamental user input was provided by two Swedish newspapers, Svenska Dagbladet and Upsala Nya Tidning. We gratefully acknowledge their contributions to the project. See further http://www.scarrie.com/ for general information about the project and http://stp.ling.uu.se/~lj0/s Carrie-pub/ for a test version of the resulting Swedish SCARRIE pilot.

The achievements made in the SCARRIE project were continuously delivered to the European Commission via the project officer. When the project was still running the availability of most of the deliverables was restricted. Now the project is closed, and we make some of them available to a larger community. They all concern the development of the Swedish SCARRIE pilot.

Among the subgoals formulated for Swedish SCARRIE, the demonstrator should be capable of inserting hyphenation marks according to the morphological hyphenation principle. In this report it is demonstrated how this can be done in the general analysis framework used in assigning linguistic information to the words in the dictionary and in grammar checking (see further Working Papers in Computational Linguistics & Language Engineering No. 12). The delivery of the report was made in January 1998.

For reports on other aspects of the SCARRIE project, see Working Papers in Computational Linguistics & Language Engineering No. 3 - 6 and No. 8 - 13.