



Center for Research in Urdu Language Processing
National University of Computer and Emerging Sciences, Lahore Pakistan



Reference No:

Revision History:

Name	Change Date	Version	Description of Changes
Shanza Nayyer	15 th April, 04	0.1	Created
Zunaira Malik	9 th August, 05	0.3	New Release

Rule ID: EGR244

Rule Syntax: Following is the constituent description of the rule.

NPgen -> (PRENOMP) Ngen

Ngen -> n apostr

Rule Functional Description: Following are the functional specifications of the rule.

NPgen -> (PRENOMP: ^ = !;) Ngen: ^ = !;.

Ngen -> n: ^ = !; apostr: ^ CASE = GEN;.

Frequency: -

Description: This production gives the detail of the genitive (possessive) construction of NP.

c-structure: Everything that precedes genitive NP is made a specifier/modifier of NPgen which later becomes the specifier of head noun.

NPgen can have the DETP (determiner phrase) followed by NUMBERP (numberP), ADJP (adjective phrase) and Ngen. The Ngen can have the n (noun) and the apostr (apostrophe)

f-structure: The structure of DETP, NUMBERP goes as SPEC of NPgen and the structure of ADJP becomes an ADJUNCT of NPgen. Noun genitive is distinguished from simple noun by the feature CASE which is genitive as given in the rule above.

Examples:

- 1) The three good books' first page
- 2) Three times the two big tables' width

Rule Status: Active

Reference:

[1] Miriam Butt, Tracy Holloway King, "A Grammar Writer's Cookbook"

Related Rules: EGR130, EGR133, EGR114

Related POS: EPOS105, EPOS109

Replaces: EGR138

Reason: New Release

Replaced by: -

Reason: -



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Analysis: Following is the in-depth analysis of the above rule:

Analysis: Although prenominal genitives pattern like articles and quantifiers as far as the syntax is concerned, they do differ in terms of complexity. Genitives give rise to more complex specifiers:

Example: The driver's dog

The genitive NP *the driver's* is embedded under the SPEC feature of *dog*, indication that the entire NP (*the driver's*) serves as a specifier of *dog*. Since the *driver's* is itself an NP with a specifier (the article *the*), a SPEC feature is embedded under the higher one. Note that any further material in the genitive NP would also be embedded under the SPEC feature of *dog*.

Example: the nice driver's dog

The adjective *nice* would be analyzed as an adjunct modifying *driver* and be placed inside the SPEC feature modifying *dog*. [1, p. 103]

Future Work:

1) Catering multiple genitives

Example: John's this uncle's dog

2) Incase of multiple genitives, it should be kept in mind that second genitive cannot be preceded by an article.

*Example: *John's the uncle's dog*