



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

Revision History:

Name	Change Date	Version	Description of Changes
Tafseer Ahmed	24 Sep, 2004	4.1.0.1	Created
Aasim Ali	08-Jul-2005		Status Marked Deprecated

Rule ID: UGR118

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

NPnoun -> (GP) (DeverbalVP) (dem) ([QuantP | NumberP]) WP.

NPnoun -> (GP) DeverbalVP .

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

NPnoun -> (GP:^ SPEC GEN=!, ^NUM = !NUM, ^ GEND = ! GEND, ^ RESPECT = ! RESPECT, ^FORM = ! FORM ;)

(DeverbalVP: ^ SPEC DVER =!;)

(dem: ^ SPEC DEM = !, ^ NUM = ! NUM, ^ GEND = ! GEND, ^ RESPECT = ! RESPECT , ^

FORM = ! FORM;)

([QuantP: ^ SPEC QUANT = !, ^ NUM = ! NUM, ^ GEND = ! GEND, ^ RESPECT = !

RESPECT, ^ FORM = ! FORM;

| NumberP: ^ SPEC NUM = !, ^ NUM = ! NUM, ^ GEND = ! GEND, ^ RESPECT = !

RESPECT, ^ FORM = ! FORM;])

WP: $^=!$, $^PERS = 3$, $^NFORM = POS$;

NPnoun -> (GP:^ SPEC GEN=!, ^NUM = !NUM, ^ GEND = ! GEND, ^ RESPECT = ! RESPECT, ^FORM =

! FORM ;)

DeverbalVP: ^ SPEC DVER =!, ^ PERS = 3, ^ NFORM =c POS;

Frequency: 1

Description: This rule shows pre-adjectival phrase.

c-structure: Noun Phrase can have Genitive Phrase, Deverbal Phrase, Demonstrative, Wala Phrase as nodes.

f-structure: Features present in any of the daughter nodes are copied to NP.

Examples:





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Rule Status: Under Process It has been Deprecated, please see UGR106
Reference:
Related Rules:
Related POS: UPOS011
Replaces: -
Reason: -
Replaced by: - UGR106





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Analysis: Following is the analysis of the rule.

Analysis 1: Usually Noun acts as head of Noun Phrase. In absence of noun demonstratives, Deverbals, quantifiers, adjective etc. can act as noun (and head of noun phrase). For example,

In above examples, adjective, demonstrative and number act as noun.

Analysis 2: An alternate analysis of above phenomenon is that التوں, چار اتتوں, چار are nouns. A point favoring the analysis is that these words have noun morphology and do not show morphology of adjective or demonstrative etc. For example, Plural Oblique of adjective الجهر الجها, but it is الجهول in above example that follows noun's rule. Hence, it can be said that adjectives, demonstratives, numbers, quantifiers are noun also.

Deverbal and wala phrase, act as noun in the absence of noun head word.

Result: We decided on Analysis 2.

Future Work:

seems to be unacceptable. But it requires search of this phenomenon in written text and spoken language.