



Reference No:

Revision History:

Name	Change Date	Version	Description of Changes
Shanza Nayyer	1 st Nov, 04	0.1	Created
Zunaira Malik	13 th June, 05	0.2	Modified
Shanza Nayyer	28 th June, 05	0.3	
Zunaira Malik	27 th July, 05	0.4	Addition of VPinfmain in Pro-1

Rule ID: EGR219

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

ADJP -> (adv) adj.(VPinfmain)

ADJP -> adj.

ADJP -> adv adj.

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

- ADJP -> (adv: ^ADJUNCT ADV =!, !ADV_TYPE =c ADJ_MOD, ~[!SEM_TYPE =c {COMPARITIVE,SUPERLATIVE}]); adj: ^ =!, ^ADJ_FORM = 1; (VPinfmain: ^XCOMP =!, ^XCOMP SUBJ PRED = 'pro', ^XCOMP SUBJ PRONTYPE = NULL, ^_FLAG = ^XCOMP _FLAG);.
- ADJP -> adj: ^ =!, !ADJ_FORM =c {1,2,3};.
- ADJP -> adv: ^ADJUNCT ADV =!, !ADV_TYPE =c ADJ_MOD, !SEM_TYPE =c COMPARITIVE; adj: ^ =!, ^ADJ_FORM = 2; .
- ADJP -> adv: ^ADJUNCT ADV =!, !ADV_TYPE =c ADJ_MOD, !SEM_TYPE =c SUPERLATIVE; adj: ^ =!, ^ADJ_FORM = 3; .

Frequency: -

Description: This rule represents the adjective phrase.

c-structure: An adjective phrase may contain one or more adjective preceded by an adverb. The adverb is optional if the adjective form is 1 otherwise it is compulsory.

f-structure: The whole structure of an adjective is made a part of the adjective phrase set and the adv (adverb) is passed on to the ADJUNCT of the mother node (ADJP) as an ADV. The adverb of first production can be any adjective modifying adverb which is not in comparative or superlative form. This is done to avoid entries like 'more beautiful' to pass from production 1. It is to be noted that the adjectives having no intrinsically contained comparative and superlative forms such as 'beautiful', they do not have ADJ_FORM feature contained in them. ADJ_FORM feature to them is assigned through rules. Hence ADJ_FORM =1 is assigned to 'beautiful' in case of production1, ADJ_FORM =2 is assigned to 'more beautiful' in case of production 3 and ADJ_FORM =3 is assigned to 'most beautiful' in case of production 4. Production 2 is to parse adjective having intrinsically contained comparative and superlative forms such as 'quicker' and 'quickest' Production 1 contains a VPinfmain optional production at the end to cater to adjectives taking adjectival complements of the XCOMP form.

Examples:



- 1) She is a very good girl. (Production 1)
- 2) She is a beautiful girl. She is a quick girl. (Production 1)
- 3) He is the quicker/quickest dog. (Production 2)
- 4) The more beautiful girl. (Production 3)
- 5) The most beautiful girl (Production 4)
- 6) She is likely to run (Production 1- ADJ COMP of XCOMP form)

Rule Status: Active

Reference:

[1] <http://webster.commnet.edu/grammar/adjectives.htm>

[2] Randolph Quirk, "A Comprehensive Grammar of the English Language"

Related Rules: EGR105

Related POS: EPOS116

Replaces: EGR114

Reason: one rule divided in to 4 different ones catering to different adverbial forms that can occur with the adjective.

Replaced by: -

Reason: -



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

Analysis: Adjectives are words that describe or modify another person or thing in the sentence. [1] They are pre-nominals which may be preceded by an adverbial phrase. Only the adverb intensifiers are allowed before the adjectives. In such a case the adverbial phrase is made a part of the ADJUNCT mother node (ADJP). If more than one adjective occur, they all are made a part of the adjective phrase structure's set.

Example: i) She is a very mean girl.

For more details about adjectives see EPOS014.

Result: The above analysis was finalized for the rule.

Future Work:

1. The adjective phrase with conjunction is not allowed yet. It will be done later.
2. Adjectival Complementation will be catered.

Example

The tractor is good (to drive). (optional complementation with drive having tractor as OBJ and null SUBJ)

They are busy (preparing the lunch). (optional complementation)

He is likely to resign. (obligatory complementation) – **already done!**

All sales are subject to test. (obligatory complementation) [2, pg. 67]