Revision History:

Name	Change Date	Version	Description of Changes
Tafseer Ahmed	5 Oct, 2004	4.1.0.1	Created
Aasim Ali	08-Jul-2005	5.1.0.1	Verified for correctness and fixed by few minor changes
Aasim Ali	15-Jul-05	5.1.0.2	Modified to allow ONLY YA (یا) conjunction.

Rule ID: UGR126

Rule Syntax: Following is the constituent description of the rule.
AdjPmain -> AdjP [[comma AdjP]]* coord_conj AdjP .

AdjPmain -> AdjP

Rule Functional Description: Following are the functional specifications of the rule.
AdjPmain -> AdjP: ! $ ^, ^NUM = !NUM, ^GEND = !GEND, ^FORM = !FORM, ^RESPECT = !RESPECT, ^NDERIVED = !NDERIVED;
[[comma:; AdjP: ! $ ^, ^NUM = !NUM, ^GEND = !GEND, ^FORM = !FORM, ^RESPECT = !RESPECT, ^NDERIVED = !NDERIVED;]]*
coord_conj: ^=!, !CONJ_FORM =c YA; AdjP: ! $ ^, ^NUM = !NUM, ^GEND = !GEND, ^FORM = !FORM, ^RESPECT = !RESPECT, ^NDERIVED = !NDERIVED; .

AdjPmain -> AdjP:^ =!, ^NUM = !NUM, ^GEND = !GEND, ^FORM = !FORM, ^RESPECT = !RESPECT, ^NDERIVED = !NDERIVED; .

Frequency:

Description: This rule represents the co-ordination of Adjective Phrase.

c-structure: It consists of a adjective phrase or a list of comma separated adjective phrases.

f-structure: A set of adjective phrases having co-ordination type and agreement features at the root.

Examples:
لڑکا [سچا یا کھرا]
کتاب [سبز، نیلی یا سرخ]

Rule Status: Under Process

Reference:

Related Rules: UGR120

Related POS: UPOS121, UPOS122

Replaces: -

Reason: -

Replaced by: -

Analysis: Following is the analysis of the rule.

Analysis : Adjective Phrase can be coordinated by using coordination conjunction. So a Adjective Phrase (AdjP) can be a single adjective phrase or a list of comma separated adjective phrases having a coordinating conjunction before last adjective phrases. As features of adjectives are used for agreement in noun phrase and copular sentences, the conjuncted phrase have features whose values are same as the values of the constituent. Hence adjectives having similar features can be co-ordinated. For example, following phrase is not valid.
*سچا یا کھری

It has been observed that 'AND' conjunction (اور) hardly occurs when combining Adjectives (using replication of **AdjP** would suffice in such cases). For example:
لمبے گھنے کالے ریشمی بال

So keeping the majority cases in view, *AdjPmain* has been modified to accommodate ONLY YA conjunction (یا).
کالی، نیلی یا ہری پتنگ
صاف یا گندے کپڑے

Result: We decided on analysis.

Future Work: