Center for Research in Urdu Language Processing
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Reference No:

Revision History:

Name	Change Date	Version	Description of Changes
Sara Hussain	3rd March, 2005	4.1.0.0	Created

POS ID: UPOS123

Part of Speech Name: Verbal modifier

Part of Speech String: v_adx

Lexical Entry Template:
<word>: v_adx, ^ PRED = '<logical form of word>and Subcategorization Frame', ^ ACTION_TYPE = {ker, ho, …},
^NUM = {SG, PL}, ^ GEND = {M, F}.

Sample Lexical Entry:

بلكا : v_adx, ^Pred ='بلكا<SUBJ,OBJ>' ,^ NUM = SG, ^ GEND = M, ^ ACTION_TYPE = ker.
بلكے: v_adx, ^Pred ='بلكا<SUBJ,OBJ>',^ NUM = PL, ^ GEND = M, ^ ACTION_TYPE = ker.
بلكى : v_adx,^Pred ='بلكا'<SUBJ,OBJ>,^ NUM = {SG,PL}, ^ GEND = F, ^ ACTION_TYPE = ker.

Description
Verbal modifiers are special type of adjectives / adverbs that are used to make a complex predicate. These modifiers have verb like properties hence they have Sub-categorization Frame.

The description of other features is as follows:

NUM (Number) can be: SG (singular):   *Example:* بلكا
                        PL (plural):   *Example:* بلكے
                        It cannot be null.

GEND (Gender) can be: M (masculine):   *Example:* بلكا
                        F (feminine):   *Example:* بلكى
                        It cannot be null or both.

Examples:

پورا، بلكا،طلب،عطا وغيره

POS Status: Under Process

Reference:

Related POS: UPOS115

Replaces: -UPOS17

Reason: -

Replaced by: -

Reason: -

Analysis:

Verbs in Urdu(and other Indo Aryan languages) are different from verbs of major languages of world like English and Arabic. Common languages have a word for almost all actions. But in Urdu most of the actions are described by a compound of noun/adjective/ adverb and a light verb. The examples are:شروع کرنا، یاد کرنا
This class is different form verbal noun (v_n) since it shows agreement with semantic object of the sentence. However verbal nouns do not show such an agreement. The tables below show this agreement.

ltv	v_adx (adjective)	KPmain (object)	KPmain (subject)
کرتا	صاف	میز	وہ
کرتا	اونچی	میز	وہ
کرتا	اونچی	میزیں	وہ
کرتا	اونچا	ہاتھ	وہ
کرتا	اچھی	تقریر	وہ
رکھتا	بلکا	بستہ	وہ
رکھتا	بلکے	بستے	وہ

ltv	v_adx (quantifier)	KPmain (object)	KPmain (subject)
کرتا	پوری	خواہش	وہ

ltv	v_adx (adverb)	KPmain (object)	KPmain (subject)
کرتا	آہستہ	گاڑی	وہ
کرتا	آہستہ	گاڑیاں	وہ

Result: we decided on above analysis.

Future Work: