AV Text Ministries

Digital-AV

Part-of-Speech (Digital-AV SDK POS Specification)

**Revision:** Ω35

| **POS Tag** | **Explanation** | **Usage Example** |
| --- | --- | --- |
| a-acp | acp word as adverb | I have not seen him since |
| av | adverb | soon |
| av-an | noun-adverb as adverb | go home |
| av-c | comparative adverb | sooner, rather |
| avc-jn | comparative adj/noun as adverb | deeper |
| av-d | determiner/adverb as adverb | more slowly |
| av-dc | comparative determiner/adverb as adverb | can lesser hide his love |
| av-ds | superlative determiner as adverb | most often |
| av-dx | negative determiner as adverb | no more |
| av-j | adjective as adverb | quickly |
| av-jc | comparative adjective as adverb | he fared worse |
| av-jn | adj/noun as adverb | duly, right honourable |
| av-js | superlative adjective as adverb | in you it best lies |
| av-n1 | noun as adverb | had been cannibally given |
| av-s | superlative adverb | soonest |
| avs-jn | superlative adj/noun as adverb | hee being the worthylest constant |
| av-vvg | present participle as adverb | lovingly |
| av-vvn | past participle as adverb | Stands Macbeth thus amazedly |
| av-x | negative adverb | never |
| c-acp | acp word as conjunction | since I last saw him |
| cc | coordinating conjunction | and, or |
| cc-acp | acp word as coordinating conjunction | but |
| c-crq | wh-word as conjunction | when she saw |
| ccx | negative conjunction | nor |
| crd | numeral | 2, two, ii |
| cs | subordinating conjunction | if |
| cst | 'that' as conjunction | I saw that it was hopeless |
| d | determiner | that man, much money |
| dc | comparative determiner | less money |
| dg | determiner in possessive | use the latter's |
| ds | superlative determiner | most money |
| dt | article | a man, the man |
| dx | negative determiner as adverb | no money |
| fw-es | Spanish Word | Yo |
| fw-fr | French word | toi |
| fw-ge | German word | Herr |
| fw-gr | Greek word | kurios |
| fw-it | Italian word | signor |
| fw-la | Latin word | dominus |
| fw-mi | word in unspecified other language | n/a |
| j | adjective | beautiful |
| j-av | adverb as adjective | the then king |
| jc | comparative adjective | handsomer |
| jc-jn | comparative adj/noun | yet she much whiter |
| jc-vvg | present participles as comparative adjective | for what pleasinger then varietie, or sweeter then flatterie? |
| jc-vvn | past participle as comparative adjective | shall find curster than she |
| j-jn | adjective-noun | the sky is blue |
| j-u | adjective with un- prefix | unclean, unstable, unblameable |
| j-vvnu | adjective from verb with un-prefix | unmarried |
| jp | proper adjective | Athenian philosopher |
| js | superlative adjective | finest clothes |
| js-jn | superlative adj/noun | reddest hue |
| js-vvg | present participle as superlative adjective | the lyingest knave in Christendom |
| js-vvn | past participle as superlative adjective | deformed'st creature |
| j-vvg | present participle as adjective | loving lord |
| j-vvn | past participle as adjective | changed circumstances |
| n1 | singular noun | child |
| n1-an | noun-adverb as singular noun | my home |
| n1-j | adjective as singular noun | a good |
| n11vbz | verb as singular noun | lord, shoe, work |
| n2 | plural noun | children |
| n2-acp | acp word as plural noun | and many such-like As'es of great charge |
| n2-an | noun-adverb as plural noun | all our yesterdays |
| n2-av | adverb as plural noun | and are etcecteras no things |
| n2-dx | determiner/adverb negative as plural noun | yeas and honest kerysey noes |
| n2-j | adjective as plural noun | give me particulars |
| n2-jn | adj/noun as plural noun | the subjects of his substitute |
| n2-vdg | present participle as plural noun | 'do' doings |
| n2-vhg | present participle as plural noun, | 'have' my present havings |
| n2-vvg | present participle as plural noun | the desperate languishings |
| n2-vvn | past participle as plural noun | there was no necessity of a Letter of Slains for Mutilation |
| ng1 | singular possessive noun | child's |
| ng1-an | noun-adverb in singular possessive use | Tomorrow's vengeance |
| ng1-j | adjective as possessive noun | the Eternal's wrath |
| ng1-jn | adj/noun as possessive noun | our sovereign's fall |
| ng1-vvn | past participle as possessive noun | the late lamented's house |
| ng2 | plural possessive noun | children's |
| ng2-jn | adj/noun as plural possessive noun | mortals' chiefest enemy |
| n-jn | adj/noun as noun | a deep blue |
| njp | proper adjective as noun | a Roman |
| njp2 | proper adjective as plural noun | The Romans |
| njpg1 | proper adjective as possessive noun | The Roman's courage |
| njpg2 | proper adjective as plural possessive noun | The Romans' courage |
| np1 | singular proper noun | Paul |
| np2 | plural proper noun | The Nevils are thy subjects |
| npg1 | singular possessive proper noun | Paul's letter |
| npg2 | plural possessive proper noun will | take the Nevils' part |
| np-n1 | singular noun as proper noun | at the Porpentine |
| np-n2 | plural noun as proper noun | such Brooks are welcome to me |
| np-ng1 | singular possessive noun as proper noun | and through Wall's chink |
| np1-n | ordinary noun being used as proper noun | @ |
| n-vdg | present participle as noun | 'do' my doing |
| n-vhg | present participle as noun | 'have' my having |
| n-vvg | present participle as noun | the running of the deer |
| n-vvn | past participle as noun | the departed |
| ord | ordinal number | fourth |
| p-acp | acp word as preposition | to my brother |
| pc-acp | acp word as particle | todo |
| pi | singular indefinite pronoun | one, something |
| pi2 | plural indefinite pronoun | from wicked ones |
| pi2x | plural indefinite pronoun | to hear my nothings monstered |
| pig | singular possessive indefinite pronoun | the pairings of one's nail |
| pigx | possessive case, indefinite pronoun | nobody's |
| pix | indefinite pronoun | none, nothing |
| pn22 | 2nd person, personal pronoun | you |
| pn31 | 3rd singular, personal pronoun | it |
| png11 | 1st singular possessive, personal pronoun | a book of mine |
| png12 | 1st plural possessive, personal pronoun | this land of ours |
| png21 | 2nd singular possessive, personal pronoun | this is thine |
| png22 | 2nd person possessive, personal pronoun | this is yours |
| png31 | 3rd singular possessive, personal pronoun | a cousin of his |
| png32 | 3rd plural possessive, personal pronoun | this is theirs |
| pno11 | 1st singular objective, personal pronoun | me |
| pno12 | 1st plural objective, personal pronoun | us |
| pno21 | 2nd singular objective, personal pronoun | thee |
| pno31 | 3rd singular objective, personal pronoun | him, her |
| pno32 | 3rd plural objective, personal pronoun | them |
| pns11 | 1st singular subjective, personal pronoun | I |
| pns12 | 1st plural subjective, personal pronoun | we |
| pns21 | 2nd singular subjective, personal pronoun | thou |
| pns31 | 3rd singular subjective, personal pronoun | he, she |
| pns32 | 3rd plural objective, personal pronoun | they |
| po11 | 1st singular, possessive pronoun | my |
| po12 | 1st plural, possessive pronoun | our |
| po21 | 2nd singular, possessive pronoun | thy |
| po22 | 2nd person possessive pronoun | your |
| po31 | po31 3rd singular, possessive pronoun | its, her, his |
| po32 | po32 3rd plural, possessive pronoun | their |
| pp | pp preposition | in |
| pp-f | pp-f preposition 'of' | of |
| px11 | px11 1st singular reflexive pronoun | myself |
| px12 | px12 1st plural reflexive pronoun | ourselves |
| px21 | px21 2nd singular reflexive pronoun | thyself, yourself |
| px22 | px22 2nd plural reflexive pronoun | yourselves |
| px31 | px31 3rd singular reflexive pronoun | herself, himself, itself |
| px32 | px32 3rd plural reflexive pronoun | themselves |
| pxg21 | 2nd singular possessive, reflexive pronoun | yourself's remembrance |
| q-crq | interrogative use, wh-word | Who? What? How? |
| r-crq | relative use, wh-word | the girl who ran |
| ro-crq | objective use, wh-word | whom, whomsoever |
| qo-crq | wh-word | whom |
| rg-crq | wh-word | whose |
| n-crq | wh-word | wherewithal |
| sy | alphabetical or other symbol | #, $, % |
| uh | interjection | oh! |
| uh-av | adverb as interjection | Well! |
| uh-crq | wh-word as interjection | Why, there were but four |
| uh-dx | negative interjection | No! |
| uh-j | adjective as interjection | Grumio, mum! |
| uh-jn | adjective/noun as interjection | And welcome, Somerset |
| uh-np | noun as interjection | Bar-Jesus (the title of a sorcerer in Acts 13:6) |
| uh-n | noun as interjection | Soldiers, adieu! |
| uh-v | verb as interjection | My gracious silence, hail |
| uh-x | negative word as interjection | nay |
| vb2 | 2nd singular present of 'be' | thou art |
| vb2-imp | 2nd plural present imperative, 'be' | Beth pacient |
| vb2r | verb | art |
| vb2x | 2nd singular present, 'be' | thow nart yit blisful |
| vbb | present tense, 'be' | are, be |
| vbbx | present tense negative, 'be' | aren't, ain't, beant |
| vbd | past tense, 'be' | was, were |
| vbds | past tense, singular 'be' | was |
| vbd2s | past tense, 2nd-singular 'be' | wast |
| vbdr | past tense, plural 'be' | were |
| vbd2r | past tense, 2nd-singular 'be' | wert |
| vbd2 | 2nd singular past of 'be' | thou wast, thou wert |
| vbd2x | 2nd singular past, 'be' | weren't |
| vbdp | plural past tense, 'be' | whose yuorie shoulders weren couered all |
| vbdx | past tense negative, 'be' | wasn't, weren't |
| vbg | present participle, 'be' | being |
| vbi | infinitive, 'be' | be |
| vbm | 1st singular, 'be' | am |
| vbmx | 1st singular negative, 'be' | I nam nat lief to gabbe |
| vbn | past participle, 'be' | been |
| vbp | plural present, 'be' | Thise arn the wordes |
| vbr | be' | am, are, were |
| vbz | 3rd singular present, 'be' | is |
| vbzx | 3rd singular present negative, 'be' | isn't |
| vd2 | 2nd singular present of 'do' | dost |
| vd2-imp | 2nd plural present imperative, 'do' | Dooth digne fruyt of Penitence |
| vd2x | 2nd singular present negative, 'do' | thee dostna know the pints of a woman |
| vdb | present tense, 'do' | do |
| vdbx | present tense negative, 'do' | don't |
| vdd | past tense, 'do' | did |
| vdd2 | 2nd singular past of 'do' | didst |
| vdd2x | 2nd singular past negative, verb | Why, thee thought'st Hetty war a ghost, didstna? |
| vddp | plural past tense, 'do' | on Job, whom that we diden wo |
| vddx | past tense negative, 'do' | didn't |
| vdg | present participle, 'do' | doing |
| vdi | infinitive, 'do' | to do |
| vdn | past participle, 'do' | done |
| vdp | plural present, 'do' | As freendes doon whan they been met |
| vdz | 3rd singular present, 'do' | does |
| vdzx | 3rd singular present negative, 'do' | doesn't |
| vh2 | 2nd singular present of 'have' | thou hast |
| vh2-imp | 2nd plural present imperative, 'have' | O haveth of my deth pitee! |
| vh2x | 2nd singular present negative, 'have' | hastna |
| vhb | present tense, 'have' | have |
| vhbx | present tense negative, 'have' | haven't |
| vhd | past tense, 'have' | had |
| vhd2 | 2nd singular past of 'have' | thou hadst |
| vhdp | plural past tense, 'have' | Of folkes that hadden grete fames |
| vhdx | past tense negative, 'have' | hadn't |
| vhg | present participle, 'have' | having |
| vhi | infinitive, 'have' | to have |
| vhn | past participle, 'have' | had |
| vhp | plural present, 'have' | They han of us no jurisdiccioun |
| vhz | 3rd singular present, 'have' | has, hath |
| vhzx | 3rd singular present negative, 'have' | Ther loveth noon, that she nath why to pleyne |
| vm2 | 2nd singular present of modal verb | wilt thou |
| vm2x | 2nd singular present negative, modal verb | O deth, allas, why nyltow do me deye |
| vmb | present tense, modal verb | can, may, shall, will |
| vmb1 | 1st singular present, modal verb | Chill not let go, zir, without vurther 'cagion |
| vmbx | present tense negative, modal verb | cannot; won't; I nyl nat lye |
| vmd | past tense, modal verb | could, might, should, would |
| vm2 | 2nd singular, modal verb | wilt, canst, shalt, mayest |
| vmd2 | 2nd singular past of modal verb | couldst, shouldst, wouldst; how gret scorn woldestow han |
| vmd2x | 2nd singular present, modal verb | Why noldest thow han writen of Alceste |
| vmdp | plural past tense, modal verb | tho thinges ne scholden nat han ben doon |
| vmdx | past negative, modal verb | couldn't; She nolde do that vileynye or synne |
| vmi | infinitive, modal verb | Criseyde shal nought konne knowen me. |
| vmn | past participle, modal verb | I had oones or twyes ycould |
| vmp | plural present tense, modal verb | and how ye schullen usen hem |
| vv2 | 2nd singular present of verb | thou knowest |
| vv2-imp | 2nd present imperative, verb | For, sire and dame, trusteth me right weel |
| vv2x | 2nd singular present negative, verb | Yee! seyde he, thow nost what thow menest; |
| vvb | present tense, verb | they live |
| vvbx | present tense negative, verb | What shall I don? For certes, I not how |
| vvd | past tense, verb | knew |
| vvd2 | 2nd singular past of verb | knewest |
| vvd2x | 2nd singular past negative, verb | thou seidest that thou nystist nat |
| vvdp | past plural, verb | They neuer strouen to be chiefe |
| vvdx | past tense negative, verb | she caredna to gang into the stable |
| vvg | present participle, verb | knowing |
| vvi | infinitive, verb | to know |
| vvn | past participle, verb | known |
| vvp | plural present, verb | Those faytours little regarden their charge |
| vvz | 3rd singular preseent, verb | knows |
| vvzx | 3rd singular present negative, verb | She caresna for Seth. |
| xx | negative | not |
| zz | unknown or unparsable token | n/a |

The Digitial-AV utilizes the part-of-speech (POS) tags, sentence segmentation, and Lemmatization as provided by the MorphAdorner POS-tagger. <http://morphadorner.northwestern.edu/morphadorner/>. POS tagging of the bible verses themselves is performed during SDK compilation. These strings represent part-of-speech values, that with a 5-bit-encoding algorithm, compactly fit in a 32-bit unsigned integer. This encoded value is identified as POS32 in the Digital-AV documentation. In order to guarantee the parser only accepts 32-bit values from this list, these discrete POS strings are included in the PEG parsing grammar. In the event that we missed a legal nupos string, an eight-digit hex value can be provided as follows #FFFFFFFF, where each F represents a valid hex-digit between 0 and F.