## Note on Morphologic Annotation:

There are two common attributes to every node: <wd> (word) and <lem> (lemma), whose value depends on the lexical item they accompany, corresponding to its form ( $<\mathbf{w d}>$ ) and lemma ( $<\mathbf{l e m}>$ ).
The following nodes are the only possible terminal nodes according to the AnCora notation guidelines.

| Node / description | Attributes / description | Attribute values / description | Secondary attributes / description | Secondary attribute values / description |
| :---: | :---: | :---: | :---: | :---: |
| <a>> / adjective | <gen> / gender | "c" / common <br> " $\mathbf{f}$ "/ feminine <br> "m" / masculine |  |  |
|  | <num> / number | $\begin{aligned} & \text { "c" / common } \\ & \text { "p" / plural } \\ & \text { "s" / singular } \end{aligned}$ |  |  |
|  | <posfunction> | "participle" |  |  |
|  | <postype> / PoS subclassification | "qualificative" "ordinal" |  |  |
| <c>/ conjunction | <postype> / PoS subclassification | "coordinating" <br> "subordinating" |  |  |
| <d> / determiner | <gen> / gender | "c"/ common <br> "f" / feminine <br> "m" / masculine |  |  |
|  | <num> / number | "c"/ common <br> "p" / plural <br> "s" / singular |  |  |
|  | $\text { <postype }>/ \mathrm{PoS}$ subclassification | "article" <br> "demonstrative" <br> "exclamative" <br> "indefinite" | $\begin{aligned} & \text { <possessornum> / possessor's } \\ & \text { number (only for "possessive") } \end{aligned}$ | $\begin{aligned} & \text { "c" / common } \\ & \text { "p" / plural } \\ & \text { "s" / singular } \end{aligned}$ |


|  |  | "interrogative" <br> "numeral" <br> "ordinal" <br> "possessive" |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $<\mathbf{f}>$ / punctuation | $\begin{aligned} & \text { <punct> / punctuation } \\ & \text { mark type } \end{aligned}$ | ```"apostrophe" / ['] "bracket" / [ \(],[)]\) "sqbracket" / [[], []] "cubracket" / [\{], [\}] "colon" / [:] "comma" / [,] "etc" / [...] meaning etcetera "exclamationmark" / [i], [!] "hyphen" / [-] "mathsign" / a sign used in mathematic formulae "period" / [.] "questionmark" / [i], [?] "quotation" / ['], ['], ["], ["] "semicolon" / [;] "slash" / [/] "revslash" / [】``` | <punctenclose> / opens or closes the punctuation mark (only for "bracket", "sqbracket", "cubracket", <br> "exclamationmark", "questionmark", "quotation") | "open" <br> "close" |
| <i> / interjection |  |  |  |  |
| <n>/ noun | <gen> / gender | "c" / common <br> " $\mathbf{f}$ "/ feminine <br> "(m" / masculine |  |  |
|  | <num> / number | "c" / common <br> "p" / plural <br> "s" / singular |  |  |
|  | <postype> / PoS subclassification | "common" <br> "proper" |  |  |


| <p>/ pronoun | <gen> / gender | "c" / common <br> " f "/ feminine <br> "m" / masculine |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | <num> / number | $\begin{aligned} & \hline \text { "c" / common } \\ & \text { "p" / plural } \\ & \text { "s" / singular } \\ & \hline \end{aligned}$ |  |  |
|  | <postype> / PoSsubclassification | "demonstrative" <br> "exclamative" <br> "indefinite" <br> "interrogative" <br> "numeral" <br> "personal" <br> "possessive" <br> "relative" | <case> / case (only for "personal") | "accusative" <br> "dative" <br> "nominative" <br> "oblique" |
|  |  |  | $\begin{aligned} & \text { <person> / person (only for } \\ & \text { "personal", "possessive") } \end{aligned}$ | $\begin{aligned} & \text { "1" / first person } \\ & " 2 \text { "/ second } \\ & " 3 " / \text { third } \end{aligned}$ |
|  |  |  | <polite> / polite form (only for "personal", "possessive") | $\begin{aligned} & \text { "yes" } \\ & \text { "no" } \end{aligned}$ |
|  |  |  | <possessornum> / possessor's number (only for "possessive") | "c"/ common <br> "p" / plural <br> "s" / singular |
| <r> / adverb | <postype> / PoS subclassification | $\begin{aligned} & \hline \text { "general" } \\ & \text { "negative" } \end{aligned}$ |  |  |
| <s> / preposition | <gen> / gender | "c" / common <br> "(m" / masculine |  |  |
|  | <num> / number | "c"/ common <br> "p" / plural <br> "s" / singular |  |  |
|  | $\begin{array}{\|l} \hline \text { <postype> / PoS } \\ \text { subclassification } \\ \hline \end{array}$ | "preposition" |  |  |
| <v> / verb | <mood> / mode | "gerund" <br> "imperative" |  |  |



