

# ELAR-ELAP XML Day

## Preparatory material

DJN Oct 06

It is important that you try these exercises before the workshop. Correct answers are not important - there may be several correct answers.

1. Read the preparatory reading, especially Pardi 22-25 & 40-43, Goldfarb 6-14

2. XML and tree structures.

All well-formed XML files can be represented as tree structures.

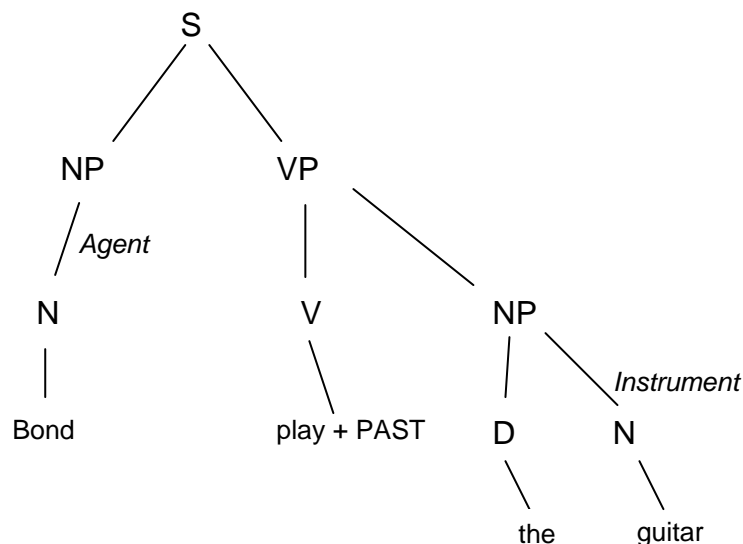
(a) Draw a tree structure for the following XML fragment:

`<a>There's no place like <b>home</b></a>`

(b) Draw a tree structure for the following XML fragment:

```
<SEQITEM NUM="18"><ORTHO>son-u</ORTHO><CONTEXTGLOSS>its
left</CONTEXTGLOSS><MORPHEME><SRCLG>son</SRCLG><TGTLG>left
(direction)</TGTLG><LEXSRC DOCID="skcd" ID="92"/></MORPHEME>
<MORPHEME><SRCLG>-s&i-dots;</SRCLG><TGTLG>Possessive suffix third
person</TGTLG><LEXSRC DOCID="skcd"
ID="163"/></MORPHEME></SEQITEM>
```

(c) Write XML for the following tree structure:



3. (a) Identify one other type of linguistic data for which XML could provide a good representation. Give reasons (based on the pre-reading).

(b) Identify one type of linguistic data for which XML may not provide a suitable representation. Give reasons (based on the pre-reading).