# FLEx Session – Parsing and Concordance

## Objectives

* To be able to use the parser for parsing words.
* to be able to use the word analysis feature
* To be able to use the Concordance

## Parsing

A Parser will make suggestions how a word could be parse into its components based upon morpheme entries in the lexicon.

Start FLEx and open Simple project

### How to use the parser?

Create a new entry: play - game - verb.

Create a new entry: play – theater - noun.

Go to the Interlinear Texts view of the Texts and Words area. In the Insert menu, click New Text. In the Info tab, in the Title box, enter Parsing. Then click Baseline tab.

Type kicks kicked on one line.

In Parser menu, click Parse Words in Text.

Click Analyze tab. The analyzes for kicks and kicked is correct. So approve analyzes

Click Baseline tab. Type walks walked on a second line.

In Parse menu, click Parse Words in Text.

Click Analyze tab. The analyzes for walks and walked is correct. So approve analyzes.

Click Baseline tab. Type he plays played on a third line.

In Parse menu, click Parse Words in Text.

Click Analyze tab. The analyze for plays is not correct. Change it to the correct one. The analyze for played is correct.

Click Baseline tab. Type the plays on a fourth line.

In Parse menu, click Parse Words in Text.

Click Analyze tab. The analyze for plays is not correct. Change it to the correct one.

Have participants analysis cats and dogs.

Have participants analysis kicker and loudly.

You can use the parser for checking a given word. In the Parse menu, Click Try a word.

In the Word to try box, type breaks. Click Try it.

Then try rings.

Then try plays.

Have the participants try the following words: thinks, ducked and ducks.

Have the participants try this with the word bright.

### How to use the word analysis feature?

Word analysis allows you to approve and assigned analyses, to change spelling and to specify the spelling status of vernacular words.

* + - 1. Go to Word Analyses view.

All the words in the text are listed here. There is a column showing the number of occurrences for each word in text. There is a column showing the number of analyses for each word in the text.

* + - 1. To display other columns, in the Tools menu, point to Configure and click Columns.
			2. Select bank. The Wordform Analysis panel is useful for reviewing analysis. Here we have one approved analysis and one candidate analysis by the parser.

To approve the candidate, Go to context menu for Analysis Candidate 1 and point to User Opinion and click approve.

It is moved up to the user approved analysis section.

* + - 1. Go to Interlinear Texts view. In the Insert menu, click New Text. Give it the title of Bank Analysis. Copy contents of BankAnalysis.txt to Baseline tab in the Text panel.
			2. Go to Word Analyses view. Select bank. In Wordform Analysis panel, click Assign Analysis.

The Analysis Usage dialog box appears. Now you can choose the appropriate analysis to the unanalyzed text.

* + - 1. In Box 1, select no analysis. In Box 2, select only Ref 2:1 and 2:3. In Box 3, select Analysis 1. In Box 4 click Assign.
			2. In Box 2, select Ref 1.1, 1.2 and 1.2. Select Analysis 2 and click Assign.
			3. Click Close.

Have the participants do an analysis of the word bright.

### How to use the concordance?

The Word List Concordance tool has a word list of all wordforms (words) used in texts. The Word List Concordance has two panes: Wordforms and Concordance. The top portion shows the concordance pane of the current word. Each row is one occurrence of that word. The bottom portion displays tabs, like Interlinear Texts, to show each occurrence in a larger context

In the Wordforms pane, click a word to see all of its occurrences in the Concordance pane

* + - 1. Select Word List Concordance view of Text & Words area. Select the word went from the Wordforms panel.
			2. Click each occurrence of the word went in top portion of the Concordance. What happens in the bottom portion of the concordance pane?
			3. Select the word bank from the Wordforms panel. Right click on the entry bank and select Show in Word Analysis. The Wordform Analysis pane is displayed.
			4. Select Complex Concordance view of Text & Words area. Click word in Specify Concordance Criteria pane.

The Set Word Criterial dialog box appears.

In the Form box, enter the word bank and click OK. Notice the results in the Concordance Results pane. Check out the tabs in the right pane

* + - 1. Select the first bank in the Concordance Results pane. Click Analyze tab. Right click on bank entry. Then click Show Entry in Lexicon.

Note what happens

* + - 1. Select Complex Concordance view of Text & Words area. Select the last bank in the Concordance Results pane. Click Analyze tab. Right click on bank entry. Then click Show Entry in Lexicon.

Note what happens

* + - 1. Select Concordance view of Text & Words area. In the For the text box, type bank. Then click Search. Select Analyzed tab. Right click on the first bank in the baseline. Click Show in Word Analyses.

Note what happens.

* + - 1. Select Concordance view of Text & Words area. In the For the text box, type bank. Then click Search. Select Analyzed tab.

Click on four entry in the Concordance Results pane. Right click on the bank entry in the Analyze pane, Click Show Entry in Lexicon.

Note what happens.

Have the participants try this with the word bright.

Select Word List Concordance view of Text & Words area. Peruse through the word forms. Note count and browse through the list.

* + - 1. To configure the columns of the Wordforms pane, on the Tools menu, point to Configure and click Columns. Select the desired columns.
			2. To generate a wordlist, on the File menu, click Export.

The Export dialog box appears. Select Data-Format of Wordforms-SFM. Click Export. Save file.

* + - 1. Interlinearize some of bank analyst text. To export the wordlist again, on the File menu, click Export. The Export dialog box appears. Select Data-Format of Wordforms-SFM. Click Export. Save file. Note changes in file..
			2. To change spelling status of a word, select Word Analyses view of Text & Words area. Select a word on the WordForms pane. On the Wordform Analyses pane, change the spelling status.
			3. To change spelling of a word, select Word Analyses view of Text & Words area. Select a word on the WordForms pane. On the Tools menu, point to Spelling and click Change Spelling.