

Flex 3 Session Seven

Topics

The following lexicon features will be covered in this session. We will use the Simple A project.

- Using Parser.

- Using Concordance

- Custom Fields

 - On the **File** menu, click **Open**.

The **Open Project** dialog box appears

- In the **Choose a Project** box, select **Simple**.

Using the Parser

- Open Simple project.

- Insert a new entry: play - game - verb.

- Go to the **Interlinear Texts** view of the **Texts and Words** area. In the Insert menu, click Text. Then click **Baseline** tab.

Type **he kicks kicked** on one line.

In **Parse** menu, click **Parse Words in Text**.

Click **Analyze** tab. Update screen.

- Click **Baseline** tab. Type **she plays and played** on a second line.

In **Parse** menu, click **Parse Words in Text**.

Click **Analyze** tab. Update screen.

- Click **Baseline** tab. Type **he walks or walked** on a third line.

In **Parse** menu, click **Parse Words in Text**.

Click **Analyze** tab. Update screen.

Have participants analysis cats and dogs.

- In the Parse menu, Click **Try a word**.

In the **Word to try** box, type **breaks**.

Then try **rings**.

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

- Go to **Word Analyses** view. Select **bank**.

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

- To display other columns, in the **Tools** menu, point to **Configure** and click **Columns**.

- The **Wordform Analysis** panel is useful for reviewing analysis. Here we have one approved analysis and one

suggested analysis by the parser (candidate).

To approve the candidate, Go to context menu for **User Approved** and click **Add approved analysis**.

It is moved up to the approved analysis section.

Word Analysis

The **Wordform Analysis** panel is useful for reviewing analysis. Here we have one approved analysis and one suggested analysis by the parser (candidate).

To approve the candidate, Go to context menu for **User Approved** and click **Add approved analysis**.

It is moved up to the approved analysis section

Go to **Interlinear Texts** view. Copy contents of BankAnalysis.txt to Baseline in text section.

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.

Deselect Ref 2:1 and 2:3. Select Analysis 1 and click Assign.

Select Ref 2:1 and 2:3. Select Analysis 2 and click Assign.

Click Close.

Some suggested analyses may not be right.

Add a new entry: play - theater show - noun.

Go to **Word Analysis** view. In the **Parser menu**, click **Try a word**. select **plays**.

In the **Word Analysis** view, select **walks**. There is one analysis that is not correct.

Go to **Category Edit** view in **Grammar** area. Then select **Verb**.

On the **Insert** menu, click **Affix Template**.

In the **Template Name** field, type **Basic Verb**. In the content sensitive menu of **STEM**, select **Insert slot after stem**. Then select **Add an optional slot after Verb**.

Type **Tense** in Name slot. In the content sensitive menu, select **Add inflectional affixes**.

In the Choose Inflectional Affixes, select the appropriate entries.

Go the **Word Analyses** view of the **Text & Words** area. In the **Parser** menu, click **Parse Current Word**.

Check **plays** again.

Concordance (needs development)

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

Note what happens.

Right click on bank₂. Point to **Show Concordance of** and click **Entry**.

Note what happens.

Select **Word List Concordance** view. Go to **the** entry.

Note count and browse through the list.

Grammar

Select **Grammar Sketch** view of **Grammar** area. Click **Generate**.

More Parser

Open Sena 3 project.

Go to the **Word Analysis** view of the **Texts and Words** area.

In the **Parser** menu, and click **Parse all words**.

Go to antawira entry.

In the context of **Analysis Candidate** field, point to **User Opinion** and select **Approve**.

In the context menu of **User Approved field**, select **Add approved analysis**.

Go to ipi entry.

Two analysis appear. Choose one and reject the other.

Have the participants check iwe and approve and assign it.

To configure columns, do the following. In **Tools** menu, point to **Configure** and select **Columns**.

Important! If the parser is over-productive, express more grammar rules... (including environments.) Refer to the parser doc.

Concordance

This feature is for finding patterns in text.

Open Sena 3 project.

Go to the **Concordance** view of the **Texts and Words** area.

In the **Full Context** pane, select **Baseline** tab.

Use the **Specify Concordance Criteria** dialog box.

In the **Insert in the line** box, select **Baseline**. In the **Writing System** box, select **Sena**. In the **For the text** box, type **mbw**. Click **Search**.

In the **For the text** box, type **mbwenye**. Click **Search**.

In the **For the text** box, type **yezu**. Click **Search**.

In the **Insert in the line** box, select **Morphemes**. In the **For the text** box, type **mbwenye**. Click **Search**.
Select **Analyze** tab.

There is only one match! (analysed)

In the **Insert in the line** box, select **Morphemes**. In the **For the text** box, type **a**. Set **Whole item**. Click **Search**.

In analyzed box, right-click **-a2**. Point to **Show concordance of** and click **Morph**.

In analyzed box, right-click **-a2**. Click **Show entry in lexicon**.

Select **Word list concordance** view.

Have the participants try the following morpheme ku.

Custom Fields

Go to **Lexicon** Area. In the **Tools** menu, point to **Configure** and click **Custom Fields**.

The **Custom Fields** dialog box appears.

Explain name, location, and writing system.

Add **Borrow from** field.

First Analysis writing system

Language this word originates from

Go to **baba** entry. Enter Swahili in **Borrow from** field.