# RegExPal

* 1. Introduction

RegExPal is a great tool to do powerful changes on all the files in your Paratext project and can now be accessed from within Paratext.

* + 1. Where we are

You have entered your translation into Paratext and want to make some regular changes to the text.

Why is this important?

Translators often find that they need to make changes to the text. Using Find/Replace to do literal changes can be very tedious. However, Regular Expressions allows you to do some very powerful searches and/or replaces on the text.

Earlier versions of Paratext allowed for RegEx searches but not replaces. RegExPal has been available outside if Paratext for several versions. In Paratext 8 RegExPal is now available from a menu and changes can be viewed in Project history.

The User menu has a number of regular expressions that have been saved and you can add other regular expressions.

What will you do?

Copy someone else’s **userMenu.txt** to your **My Paratext 8 Project folder**.

Start RegExPal and use some regular expressions that have been saved to the User menu.

Create or copy other regex and add to the user menu.

You will also look at other ways doing finding with regular expressions in the Wordlist, Notes, Biblical Terms and Project history.

Summary

This module shows how you can :

## Copy a userMenu.txt

To make use of someone else’s user menu

* Exit Paratext
* Copy the **userMenu.txt** file
* Paste to **My Paratext 8 Projects**
* Restart **Paratext**

## Start RegExPal

* From the Tools menu, choose Advanced, then choose RegExPal
* Make sure your project is chosen in the projects box
* Tools, Choose books as necessary

## Use a saved regular expression

* From the User menu, choose the appropriate saved expression.

The expression is added the Find and/or Replace box.

* Click the First button.

The results will depend on the type of regex (find, replace, count etc.).

The sections below explain how to do each type manually then give instructions on what to do next.

## Find

* From the Edit menu, choose Find **(or Ctrl+F)**
* In the Find box, type in the regular expression for the text to find.
* Click the First button

The results are shown in a light pink background colour

* Click the buttons as appropriate
* Next/previous to go to another match.
* [Note: The Yes/No/Yes to all/Cancel are greyed out as they don’t apply to searches].

## Find/Replace

* From the Edit menu, choose Find/Replace (or Ctrl+H)
* In the Find box, type in the regular expression for the text to find
* In the Replace box, type in the regular expression to replace the text.
* Click the First button

The find results are shown in a light pink background colour in the upper pane and the replace is shown in the lower pane.

* Click the buttons as appropriate
* Next/previous to go to another match with changing this match
* Yes (to change this one) No (to skip) Yes to all (to change all), Cancel (to stop making any further changes).

## Count

* In the Find box, type in the regular expression for the text to find
* From the Edit menu, choose Count/extract **(**or type **Ctrl+H)**
* Choose Count
* Choose any other settings.
* Click OK.

A list of the results is displayed is displayed.

## Extract

* In the Find box, type in the regular expression for the text to find
* From the Edit menu, choose Count/extract **(**or type **Ctrl+H)**
* Choose Extract
* Choose any other settings.
* Click OK.

A list of the results is displayed is displayed.

## Adding other regular expressions to the user menu

Paratext help has a number of useful example regular expressions.

* Help, choose Browse Help
* Search for “Useful Regular Expressions”
* Type in the regular expression you want to save
* From the Tools menu choose Add to user menu
* Type in a name for the regular expression

# Using Regular Expressions from Paratext

You can also use regular expressions from Paratext to find text/words or biblical terms. You cannot do replaces. To tell Paratext that it is a regular expression you need to type regex: in front of your regular expression.

## Using the Wordlist

* Open the Wordlist as usual
* type regex: in the search box followed by your regular expression (no space after :)
* Press Enter

The Wordlist is filtered to show only words that match your regular expression.

## Using the Biblical Terms Tool

* Open the Biblical Terms Tool
* On the toolbar, choose the language for the find



* In the text box beside, type regex: in the search box followed by your regular expression (no space after :)

The list is filtered to match your regular expression.

## Using Find from the text

* In your project in Paratext
* From the Edit menu, choose Find **(or Ctrl+F)**
* type regex: in the search box followed by your regular expression (no space after :)
* Press Enter

A results list shows the matches.

## Recall

You can **start the RegExPal tool** from the \_\_\_\_\_\_\_ menu then Advanced then \_\_\_\_\_\_\_\_.

To use a **Find** regular expression, from the \_\_\_\_\_\_\_ menu choose \_\_\_\_\_\_. (or type Ctrl+F)

To do a **find and replace**, from the Edit menu choose \_\_\_\_\_\_\_\_\_.(or type \_\_\_+H).

To **Count** the matches, from the Edit menu choose Count/Extract then Count.

To **Extract** the matches, from the Edit menu choose Count/Extract then Extract.

You can use regular expressions in the following search/filters but to **find only** (not replace).

Find/Replace dialogue (from a project window)

Wordlist filter

Biblical Terms Tool filter

Notes filter

Project History filter

Type regex: in the find box followed by your regular expression.