

# Regular Expressions

Course code: REGEXP

This course will teach existing developers how to use Regular Expressions like a very efficient way of work with strings for searching, replacing or dividing. This course is platform independent and a new knowledge you can use in languages like JavaScript, PHP, ASP/ASP.NET, Perl or Python.

Affiliate	Duration	Course price	ITB
Praha	1	4 200 Kč	10
Brno	1	4 200 Kč	10
Bratislava	1	185 €	10

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
20.03.2025	1	4 200 Kč	Presence	CZ/SK	Gopas Praha Prezenční
25.04.2025	1	185 €	Online	CZ/SK	Gopas Bratislava Online
25.04.2025	1	4 200 Kč	Online	CZ/SK	Gopas Praha Online
18.06.2025	1	4 200 Kč	Presence	CZ/SK	Gopas Praha Prezenční
20.06.2025	1	185 €	Presence	CZ/SK	Gopas Bratislava Prezenční

The prices are without VAT.

## Who is the course for

Developers

## Course Outline

Regular Expressions Introduction

- Brief history of Regular Expressions
- How a Regex Engine Works Internally
- Useful dialects: POSIX extended, PCRE

Regular Expressions Basics

- Literal Characters and Special Characters
- Unicode Characters and Properties
- Word Boundaries
- Modifiers
- Quantifiers
- Repetition Using Various Quantifiers
- Optional Items
- Alternation
- Grouping & Backreferences
- Character Classes or Character Sets
- Continuing from The Previous Match Attempt

Construction of Regular Expressions

- Creating Regular Expressions
- Regular Expressions Samples
- Using Regular Expressions in some tools and systems like GREP, AWK, JavaScript, PERL, PHP.

### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved