



Programming in

# Groovy

*by Gábor Szabó*

# Groovy Book

Gábor Szabó

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# Preface

A collection of my [Groovy-related articles](#)<sup>3</sup>.

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<sup>3</sup><https://code-maven.com/groovy>

# Changes

## v0.04 2019-04-21

- New entries
  - \* [Evaluate code in other files](#)
  - \* [Classes](#)
  - \* [Function overloading](#)
  - \* [Variable scope](#)
  - \* [Recursive functions](#)
  - \* [Command line arguments](#)
  - \* [Join](#)
  - \* [Pop, Push](#)
  - \* [printf](#)
  - \* [System.properties](#)
  - \* [Path to current script](#)

Books has now 57 pages (in pdf) and 6,192 words reported in the book generation e-mail.

## v0.03 2019-04-07

- New entries
  - \* [Closures](#)
  - \* [Remove spaces from string](#)
  - \* [Temporary file](#)
  - \* [Relative Path](#)
  - \* [Return multiple values from function](#)
  - \* [String length](#)
  - \* [Substring](#)
  - \* [For loop break, continue](#)

## v0.02 2018-09-14

- Included lots of articles growing the book to 30 pages, 2,876 words.

## **v0.01 2018-09-13**

- Initial release 8 pages, 235 words.

# Overview

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## **Groovy: sum of numbers**

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### **Read CSV file and add number in the 3rd column**

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## **Count digits in Groovy**

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## Groovy map access elements

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## Get all the keys in a Groovy map

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## Sorted keys of a Groovy map

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## Return map from a function

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## Adjust Timezone in Groovy

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### Recursive

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## Groovy pop push

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## Pop from empty array raises exception

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## **Groovy System properties**

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