



CI / CD automation with

# Jenkins

For DevOps engineers

*by Gábor Szabó*

# Jenkins book

Gábor Szabó

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# Preface

This book about Jenkins contains the [User handbook](#) and some of my [own writings](#).

[License and Copyright](#) information of the “User handbook” can be found at the end of the book.

The formatting is still far from being nice. I am working on it.

There is some [code](#)<sup>3</sup> that generates Markua files Leanpu uses to create the actual eBook.

---

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# Changes

## **v0.04 2019-04-06**

Regenerate the book with all the updates from the Jenkins site.

## **v0.03 2018-08-23**

- Improved display of special section with CAUTION and NOTE.

## **v0.02 2018-08-21**

- Properly formatting many of the code snippets.
- Fix some unicode issues.

## **v0.01 2018-08-20**

- Initial release

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## Restarting from the Blue Ocean UI

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## Preserving `stashes` for Use with Restarted Stages

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# Using Speed/Durability Settings To Reduce Disk I/O Needs

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## How Do I Set Speed/Durability Settings?

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## Will Higher-Performance Durability Settings Help Me?

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## What Am I Giving Up With This Durability Setting “Trade-Off?”

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## Requirements To Use Durability Settings

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## What Are The Durability Settings?

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## **Suggested Best Practices And Tips for Durability Settings**

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## **Other Scaling Suggestions**

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## Loading resources

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## Pretesting library changes

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# Pipeline Syntax

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## Sections

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### Parameters

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### Common Options

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## **stage options**

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### **Available Stage Options**

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### Evaluating `when before the input directive`

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## Sequential Stages

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## Where is the name from?

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## Does Blue Ocean support freestyle jobs?

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## What does this mean for the Jenkins classic UI?

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## **UsernameNotFoundException**

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