1. Local Runtime Environment
   1. System

|  |  |
| --- | --- |
| OS | Windows 7, 64bit |

* 1. Prerequirements

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| --- | --- | --- |
| Configuration: | Hardware virtualization enabled in BIOS | enabled by default |
| Software: | Virtual Box | entwicklung/intstaller/VirtualBox-4.3.20-96997-Win.exe   * Version 4.3.20 for Windows hosts x86/amd64 * Install Path: C:\Program Files\Oracle\VirtualBox |
| Vagrant | entwicklung/intstaller/vagrant\_1.7.2.msi   * Version 1.7.2, for Windows * Install Path: C:\Program Files (x86)\HashiCorp\Vagrant |
| PHP | entwicklung/installer/php-5.6.5-nts-Win32-VC11-x64.zip   * Version 5.6.5, for Windows 64bit * Install Path: D:\privat\Entwicklung\tools\php\_5.6.5 (%PHP\_HOME%) * php.ini.development renamed to php.ini * Requires Microsoft Visual C++ 2012 Redistributable (x64) |
| Microsoft Visual C++ 2012 Redistributable (x64) | entwicklung/installer/vcredist\_x64.exe |
| Composer | entwicklung/installer/Composer-Setup.exe   * Requires Open SSL enabled in %PHP\_HOME%/php.ini:   *extension=ext/php\_openssl.dll* (Note that the location of the .dll file must be relative tot he php.ini file) |

* 1. Installation

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| --- | --- | --- |
| Step | Command | Notes |
| Add the vagrant box „laravel/homestead“ | vagrant box add laravel/homestead | Tool: cmd |
| Install Homestead manually via Git | git clone https://github.com/laravel/homestead.git | Tool: Git Bash  Path: entwicklung/tools |
| Initialize the cloned Homestead | init.sh | Tool: cmd  Path: entwicklung/tools/homestead  Creates the file C:\Users\[Username]\.homestead\ Homestead.yaml |
| Create SSH key entries | ssh-keygen –t rsa –C „string“ | Tool: Git Bash  Changes C:\Users\[Username]\.ssh\ id\_rsa.pub and C:\Users\[Username]\.ssh\ id\_rsa |
| Install Laravel Installer via Compose | composer global require "laravel/installer=~1.1" | Tool: Git Bash |
| Put Composer’s vendor/bin dir on the system path |  | Path: C:\Users\fvo\AppData\Roaming\Composer\vendor\bin |
| Install an instance of Laravel | laravel new [project\_name] | Tool: cmd  Path: The path to install Laravel in |

* 1. Configuration

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| --- | --- | --- |
| File | key | value |
| C:\Users\[Username]\.homestead\ Homestead.yaml | sites -> map | virtualhost.app |
| sites -> to | /home/vagrant/risk/src/laravel/public |
| folders -> map | /d/privat/Entwicklung/projects/risk/src |
| folders -> to | /home/vagrant/risk/src |
| folders -> map | /drives/d/privat/Entwicklung/projects/risk/src |
| folders -> to | /home/vagrant/risk/src |
| authorize | ~/.ssh/id\_rsa.pub |
| keys | ~/.ssh/id\_rsa |
| C:\Windows\system32\drivers\etc\hosts | 192.168.10.10 | virtualhost.app |

* 1. Start

|  |  |  |
| --- | --- | --- |
| Step | Command | Path |
| Starting the homestead box | vagrant up | D:\privat\Entwicklung\tools\homestead |

* 1. Usage

|  |  |  |  |
| --- | --- | --- | --- |
| Tool | Location | User | Default Password |
| SSH (e.g. via MobaXterm) | 127.0.0.1:2222 | vagrant | vagrant |

1. Version Control

Install Git Bash. On Git Bash, type:

git config --global user.name "*birdman*"

git config --global user.email "florian.vogel84@gmx.net"

Create SSH-Keys by typing:

ssh-keygen -t rsa –C „florian.vogel84@gmx.net“

This creates a private and a public part of the SSH key. You will also be prompted for a passhrase. Chose one and note the chosen passphrase.

Save the public key part on GitHub in the account’s settings.

Add the private key for the SSH client:

exec ssh-agent bash

ssh-add .ssh/id\_rsa

The generated SSH public key part also hast tob e saved on GitHub. Therefore, copy the generated

Check the setup:

ssh –T git@github.com