

# Minecraft Map-Presenter Setup

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## Installation auf Redhat / CentOS 7

### System Abhängigkeiten nachinstallieren

Installation der benötigten Pakete:

```
# yum -y update
# yum install numpy python-imaging git gcc python-imaging-devel python-pillow-devel
```

### Overviewer einrichten

Installation / Kompilierung des Hauptprogramms:

```
# mkdir /opt/mapExtractor
# cd /opt/mapExtractor

# git clone https://github.com/overviewer/Minecraft-Overviewer.git
# cd Minecraft-Overviewer

# python setup.py build
```

### Konfiguration des mapExtractors

```
# wget
https://s3.amazonaws.com/Minecraft.Download/versions/1.12.2/1.12.2.jar -P
/opt/mapExtractor/
```

```
# vim /opt/mapExtractor/export_conf
```

```
worlds["world"] = "/opt/minecraft/world/"

renders["world_day"] = {
    "world": "world",
    "title": "Genoni-Server Tag",
    "rendermode": smooth_lighting,
    "dimension": "overworld",
}

renders["world_night"] = {
    "world": "world",
```

```
"title": "Genoni-Server Nacht",
"rendermode": smooth_night,
"dimension": "overworld",
}

renders["world_caves"] = {
  "world": "world",
  "title": "Genoni-Server Caves",
  "rendermode": cave,
  "dimension": "overworld",
}

renders["world_nether"] = {
  "world": "world",
  "title": "Genoni-Server Nether",
  "rendermode": nether_smooth_lighting,
  "dimension": "nether",
}

renders["world_nether_caves"] = {
  "world": "world",
  "title": "Genoni-Server Nether-Caves",
  "rendermode": cave,
  "dimension": "nether",
}

outputdir = "/var/www/html/"
texturepath = "/opt/mapExtractor/1.12.2.jar"
```

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```
# vim /opt/mapExtractor/index.html
```

```
<meta http-equiv="refresh" content="0; URL=/minecraft/view.html">
```

## Skript zum Ausführen des mapExtractors

```
# vim /opt/mapExtractor/perform_mapExtraction.sh
```

```
#!/bin/bash

newest_client_version=$(curl https://minecraft.net/en-us/download/server |
grep
https://s3.amazonaws.com/Minecraft.Download/versions./*/minecraft_server.*.j
```

```
ar | cut -d '/' -f6)

client_version_file=$(ls /opt/mapExtractor | grep *.jar)
in_use_client_version=${client_version_file::-4}

echo $in_use_client_version
echo $newest_client_version

if [ $in_use_client_version == $newest_client_version ]; then
echo "Client is up to date!"
fi

if [ $in_use_client_version != $newest_client_version ]; then
    echo "CLIENT NEEDS UPDATE!"

    rm -f /opt/mapExtractor/*.jar
    wget
"https://s3.amazonaws.com/Minecraft.Download/versions/$newest_server_version
/$newest_server_version.jar" -P /opt/mapExtractor/

    sed -ri
"s/\opt/mapExtractor/(.*)\.jar/\opt/mapExtractor/$newest_client_versio
n.jar/" /opt/mapExtractor/export_conf
fi

cd /opt/mapExtractor/Minecraft-0verviewer/

./overviewer.py -v --config=/opt/mapExtractor/export_conf

if [ ! -f /opt/mapExtractor/view.html ]; then
    mv /opt/mapExtractor/index.html /opt/mapExtractor/view.html
fi
cp /opt/mapExtractor/index.html /var/www/html/
chown -R apache:apache /var/www/html/
```

```
# chown -R mcuser:mcuser /opt/mapExtractor
# chmod +x /opt/mapExtractor/perform_mapExtraction.sh
```

```
# /opt/mapExtractor/./perform_mapExtraction.sh
```

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## Weitere Informationen

- <http://docs.overviewer.org/en/latest/>

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