

# DebugScanner



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## Introduction

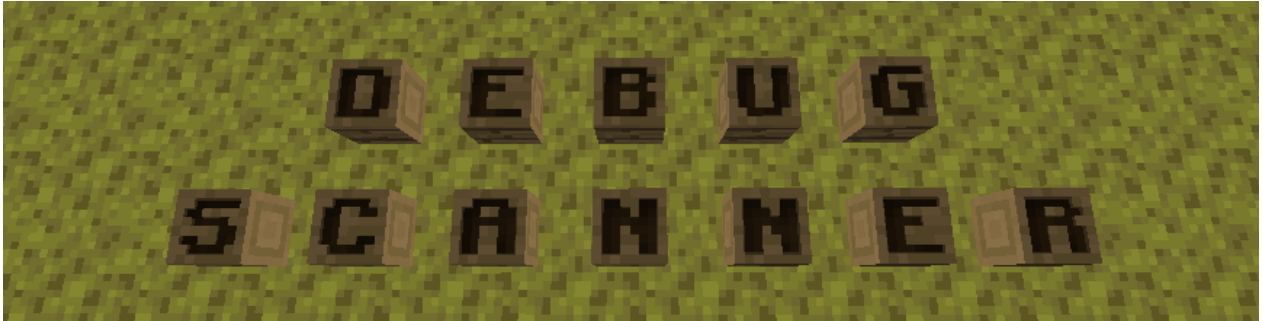
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# Introduction



DebugScanner is really only of use to those involved with the GeyserMC project. It is to be used with a Debug world and will put all players into spectate mode and teleport them at a configured interface to each block in succession with the block number shown in the action bar. It will also write the full state of the block along with the shown number to a json file.

It will start with the block at (1 70 1) and will continue till it cannot find any more blocks. The first block is always assumed to be air.

This allows comparing block states in Minecraft Java Edition, Minecraft Bedrock Edition and Minecraft Education Edition.

Video (<https://www.youtube.com/watch?v=-p5zkeR5nZA>)

## How to Use¶

1. Generate a Debug world by creating a single player world and holding shift when selecting type. One of the options will be Debug.
2. Issue the following command:

### Example

```
/gamerule randomTickSpeed 0
```

3. Import the world into spigot by copying the save file and renaming to world. You will also need to rename level\_old.dat to level.dat or copy a level.dat from a non debug world (note if you do this you'll need to set the gamerule again on first load).
4. Start up the server and join the world
5. Use the following command to start:

**Example**

```
/debugscanner start [-start {block number}] [-interval {ticks}] [-pitch {pitch}] [-yaw {yaw}]
```

6. To stop early use the following command:

**Example**

```
/debugscanner stop
```

It's best to use as screen recorder, then save the recording along with the accompanying blocks.json file.

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Last update:

## Contributing¶

Here are some ways that you can help contribute to this project.

### New ideas or Bug Reports¶

Need something? Found a bug? Or just have a brilliant idea? Head to the [Issues \(https://github.com/Bundabrg/DebugScanner/issues\)](https://github.com/Bundabrg/DebugScanner/issues) and create new one.

### Contributing Code¶

If you know Java then take a look at open issues and create a pull request.

Do the following to build the code:

```
git clone https://github.com/Bundabrg/DebugScanner
cd DebugScanner
mvn clean package
```

### Contributing Documentation¶

If you can help improve the documentation it would be highly appreciated. Have a look under the docs folder for the existing documentation.

The documentation is built using mkdocs. You can set up a hot-build dev environment that will auto-refresh changes as they are made.

### Requirements¶

- python3
- pip3
- npm (only if changing themes)

Install dependencies by running:

```
pip3 install -r requirements.txt
```

## Dev Environment

To start a http document server on `http://127.0.0.1:8000` execute:

```
mkdocs serve
```

## Change PDF Theme

Edit the PDF theme under `docs/theme/pdf`. Rebuild by doing the following:

```
cd docs/theme/pdf  
npm install  
npm run build-compressed
```

This will update `pdf.css` under `docs/css/pdf.css`. Rebuilding the docs will now use the new theme.

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Last update: