



MorphoSegger v1.0

MorphoSegger is a Matlab package for imaging analysis of bacterial cells that combines two powerful tools, [SuperSegger](#) and [Morphometrics](#). It uses ImageJ macros run in Matlab with [MIJ](#) for image pre-processing.

Installation

Requirements:

Curve fitting Toolbox

Statistics and Machine Learning Toolbox

Global Optimization Toolbox

Parallel Computing Toolbox

Running installation of [Fiji](#) and [MIJ](#)

Download the tool:

```
git clone https://github.com/batflorez/MorphoSegger.git
```

Usage

Prepare a pipeline script for each experiment with the conditions and analysis options needed. Then run in Matlab command window:

```
procesExp
```

Contributing

Pull requests are welcome. For major changes, please open an issue first to discuss what you would like to change. Please make sure to update tests as appropriate.

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