Example Guide for MEDYAN v3.0

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1 Introduction

Examples can be found in `InstallDirectory/examples`. Each example includes a `SystemFile` as well as chemical input file. To run a given example once the MEDYAN executable is created, go to the `InstallDirectory` and run the following:

```
> ./MEDYAN -s ./examples/<ExampleFolder>/system.txt
    -i ./examples/<ExampleFolder>/ -o <OutputDirectory>
```

where `<ExampleFolder>` is the specific example folder desired, and `<OutputDirectory>` is the directory of the desired output. See the usage guide for more details on these files and directories.

2 A basic cytoskeletal network

3 References

[1] Popov K, Komianos J, and GA Papoian. "MEDYAN: Mechanochemical Simulations of Contraction and Polarity Alignment in Actomyosin Networks." PLoS Computational Biology 2016; 12(4): e1004877. doi:10.1371/journal.pcbi.1004877