

# Tips and tricks and new directions

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# Install MATSim

## Install MATSim

See [matsim.org/install](https://matsim.org/install) .

Do not clone the matsim repo.

Instead clone the matsim-example-project .

# Tips and tricks

## Look at matsim code examples for coding examples

Google “matsim-code-examples”.

<https://github.com/matsim-org/matsim-code-examples>

## Change matsim version, add maven dependencies

### Matsim version:

Change in pom.xml

### Add dependencies:

See ofvis example in RunMATSim.

- Add as maven dependency!

See more examples in matsim-code-examples → ... → extensions

# Command line parser (thanks to Sebastian Hörl)

CommandLine

Look at RunMATSimTest.

## Use addOverriding(QSim)Module (M. Zilske)

```
... addOverridingModule( new AbstractModule() {  
    ... install() {  
        this....  
    ...  
}
```

## Now similar for QSim level (M. Zilske, S. Hörl)

```
... addOverridingQSimModule( new AbstractQSimModule() {  
    ... configure() {  
        this...  
    ...  
}
```

Not yet fully sorted out, so be careful, but possibly you have no choice.

# ExamplesUtils

See `RunMatsimFromExamplesUtils` .

## Open MATSim Berlin scenario (I. Kaddoura, D. Ziemke); run from URLs

<https://github.com/matsim-vsp/matsim-berlin>

Look at config.xml re https file names.

Also matsim-ruhrgebiet, matsim-sweden .

More to come

# MATSim foundation and MATSim license

## MATSim foundation and MATSim license

Looking for some revenue stream for longterm maintenance.

Thinking about a MATSim foundation.

- Come to MATSim business meeting today if interested (max 1 participant per institution).

### License

Some companies are concerned about having MATSim on their servers ...

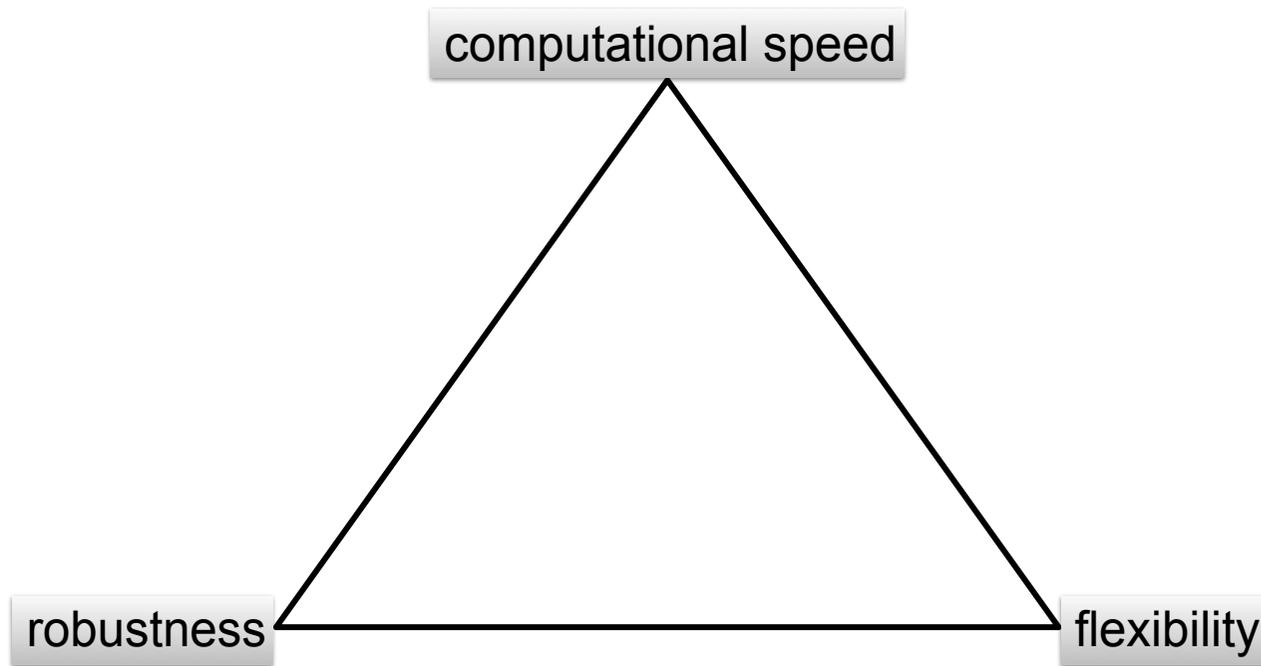
... scared that the GPL will “infect” their other software.

→ Thinking about a dual licensing scheme (re-release MATSim with a commercial license; charge for it).

GPL will remain the license under which development occurs.

Come to MATSim business meeting today ... (see above).

# A challenge for the future



On a lighter note ...

