

Miklas

Tutorial

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Version 1.0

**Purpose of the Document**

Miklas tutorial

**Document history**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Changes | Authors |
| 0.1 | 2014-11-10 | Created template | Darth Vader |
|  |  |  |  |
|  |  |  |  |

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Abbreviations

OLTC On-load Tap Changer

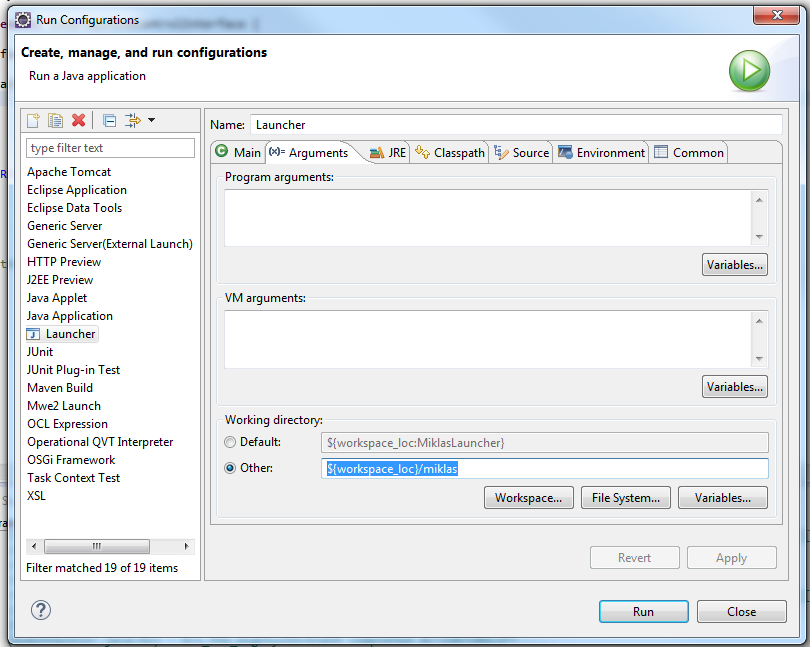
JAAJet Another Abbreviation

# Introduction

Preamble

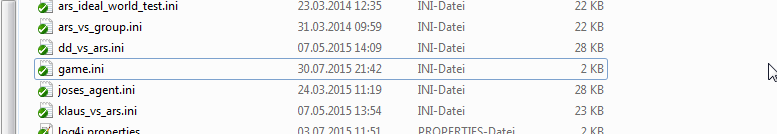
## Setup Game

In eclipse, for the Launcher, set the Working directory to “${workspace\_loc}/miklas, in order to include the config files at the start of the application

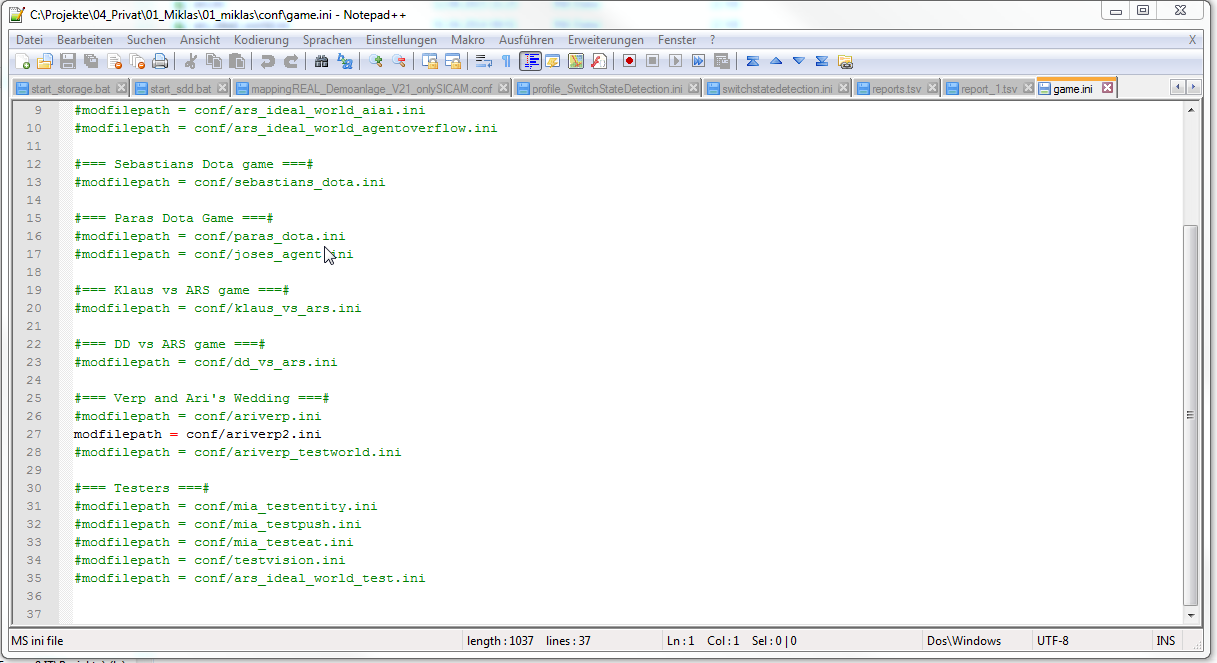


## Config Files

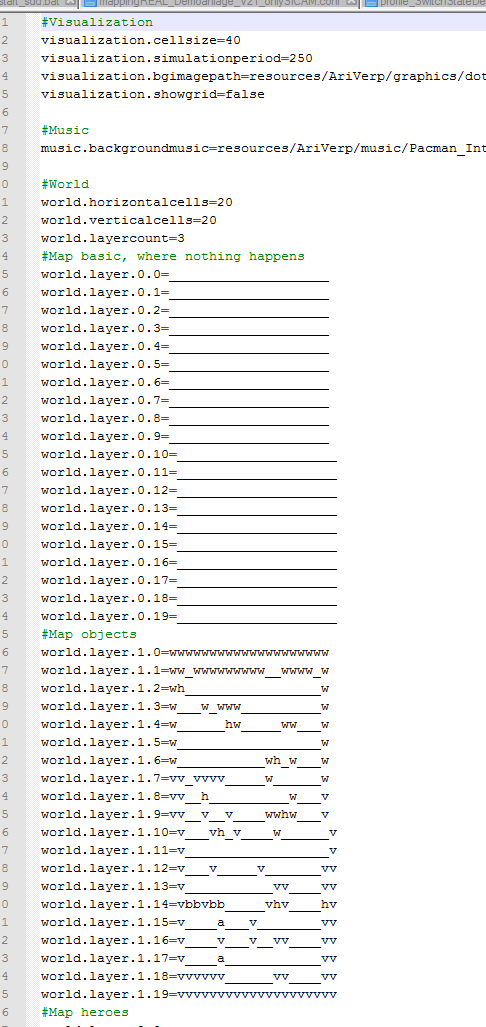
In the config file game.ini, a link to the real game config files exist.



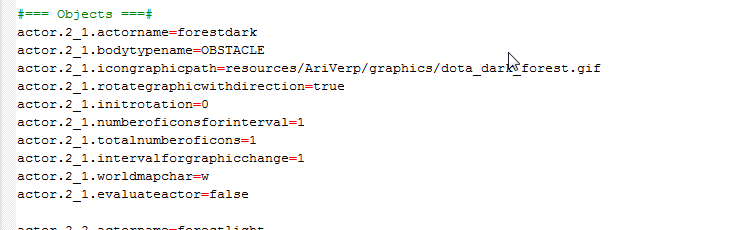
Here, the Path is set to “conf/ariverp2.ini”



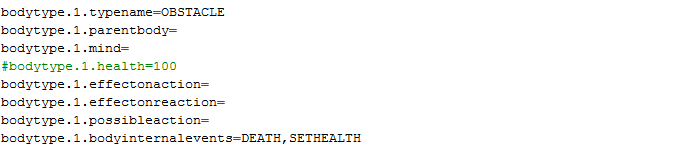
The world is created with layers. “\_” means nothing. All other letters are assigned to certain “actors” in the world.



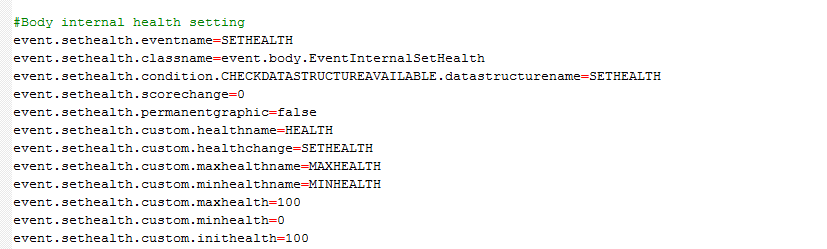
For instance, the letter “w” in the map is here a piece of forest.



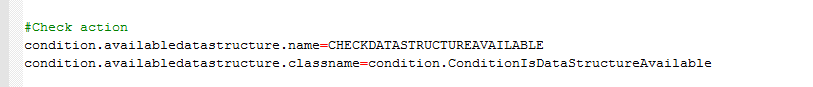
Each actor has a bodytypename. The bodytype defines the body of the actor.



In the case above, only internal events are associated with the body. An example is the “SETHEALTH”. The event is invoked from a class in the “classname”. If an event is activated it performs some action on the body.



Only if a condition is satisfied, the event will execute. Conditions are defined as own invoked classes.



# Welche Kategorisierung? Prioritization, functional/non functional, conceptual/technical

### General

cccc

### Project-specific

dhnjsdklsckls

Ccc

Vksdlvksdl

# Analysis (SOTA, Model)

# Conclusion

# Todo

# Template Chapter

text

## Template

### Cc

#### Jkclsacklsackla

nergy generation and consumption is maintained on the generation side. That means that it is the task of the generators to adapt to the changing load situation and always feed exactly as much energy into the system as is needed. Since electrical energy can generally not be stored in large amounts, the balance has to be kept not only on average but in every single point in time.

A first assessment of this question shall be given considering Figure 3.1. In this figure, the total electrical energy demand of Austria is depicted over an exemplary winter day (load profile of Sunday, 11.12.2005). Brauner et. al. have studied the DSM potential of Austrian households [Bra06], both the result of this study and own estimations of the respective industry DSM potential are also depicted in Figure **3**.**1**. This diagram allows comparing the fixed load with the flexible portions of the total load profile.



Load [MV]

Shifting potential in households

Time of day

Shiftable loads in industry and small businesses (conservative estimation)

Non-shiftable loads

Effect of charging electrical heaters

Δ*E*

Figure **3**.**1**: Example Figure

Sdlvksdlvds

The settings for font sizes etc. are set according to Table 1.

|  |  |
| --- | --- |
| Parameter | Setting |
| Margins | top 3.3 cm, bottom 3.3 cm, left 2.4 cm, right 2.4 cm, back margin 0.5 cm |
| Font sizes | Heading 1 18 pt bold, Heading 2 13.5 pt bold, Heading 3 12 pt bold, Heading 4 11 pt bold without number, Page numbers 12 pt, Header 9 pt, Footer 9 pt, Footnotes 9 pt, References and Abbreviations 10 pt (single line spacing, 3 pt space after paragraph), Normal text 11 pt (1.2 line spacing, 6 pt space after paragraph) |
| Headers | Each page has a headline with the chapter title. Exceptions: First page of each chapter and all non-arabic numbered pages like I, II etc.) do not have a header line. |
| Figures, tables | Font size 10 pt, “Figure” or “Table” bold, subtext not bold.  The smallest font in a figure or table has to be smaller than the normal text (guideline: Arial Narrow 9 pt) |

Table 2‑1: Text in figure and table captions not bold, either complete sentences or not, not mixed.

Note that you need to adjust the setting for single- or double-side printing in order to have the back margin on the correct side. This template uses double-side settings.

Configuration:

conf/datapointservermanager

Executables:

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[1] [www.ieee.org](http://www.ieee.org)

Annex A