

Format of the PedGo-Project-File, Version 5

General Format:

- ASCII file
- Blocks:
 - ASCII: `<name>...</name>`
 - Hex: `(name)...(/name)`
- Entry: `name` [string, int, float...]
- File format written all in lower case
- File extension: *.pg2

File:

All entries marked with „*“ are required

<pre> <header> pmax [int] xmax [int] ymax [int] zmax [int] caption [string] zoom [int] comment [string] version 5 origin [float] [float] </header> </pre>	<p>Header*</p> <ul style="list-style-type: none"> = number of agents* = length of floor plan* = width of floor plan* = amount of decks/floors* = name of project = zoom factor = comment = version number of file * = absolute coordinates of origin*
<pre> <tables> (colorcoding) [Hex]... (/colorcoding) </tables> </pre>	<p>tables for further data (for the editor) *</p> <p>list of relevant colours and characteristics (16x16) *</p>
<pre> <demographics> groupmax [int] <group> id [int] filename [string] caption [string] vmax [int] [int] [int] [int] [int] patnc [int] [int] [int] [int] [int] tempe [int] [int] [int] [int] [int] react [int] [int] [int] [int] [int] dawdl [int] [int] [int] [int] [int] inert [int] [int] [int] [int] [int] clust [i] </group> <group> ... </group> </demographics> </pre>	<p>definition of groups and their characteristics*</p> <ul style="list-style-type: none"> = amount of groups per group a block = identification number = file name, or „IMO night pax“, „IMO night crew“, „IMO day...“ = name of group = speed: min, max, mean, stddev, type of distribution = patience: min, max, mean, stddev, type of distribution = temperature: min, max, mean, stddev, type of distribution = reaction: min, max, mean, stddev, type of distribution = dawdle: min, max, mean, stddev, type of distribution = inertia: min, max, mean, stddev, type of distribution = clustering effect: 0=nein, 1=loose, 2=medium, 3=tight <p>further groups</p>
<pre> <deck> caption [string] level [int] shown [string] (cellldata) 010101020101... 010000000001... ... (/cellldata) </pre>	<p>decks/floors*</p> <ul style="list-style-type: none"> = name of floor (name of tab sheets in editor) = position of deck (begins with 0 an) = deck shown or not: true/false cell information: each cell is represented by a number, in between spaces. Rows represent y-coordinate, columns x-coordinates. <p>information: 00 = free</p>

*: AENEAS is the maritime version of PedGo. It is distributed in co-operation with Germanischer Lloyd AG.

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Content may be subject to changes.

<pre> </deck> <deck> ... </deck> </pre>	<p>01 = wall 20 = door 10 = stair 04 = up (below end of stair) 08 = down (upper end of stair)</p> <p>next deck</p>
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<pre> <persons> <group> route [int] <groupdata> data [int] [int] [int] [int] [int] rect [int] [int] [int] [int] [int] [int] [int] </groupdata> </group> <group> ... </group> ... </persons> </pre>	<p>person data (distribution, destination,...)* certain group that follows a route = number of a assigned route group data in room: = amount, x, y, z, group alternatively in rectangular: = amount, xla, yla, xrd, yrd, z, group</p> <p>following group</p>
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<pre> <routedata> <route> number [int] caption [string] preparation [int] [int] [int] [int] [int] persblock [int] [int] [int] [int] [int] maxcapacity [int] [int] [int] [int] [int] amidtime [int] [int] [int] [int] [int] maxcycles [int] [int] [int] [int] [int] <doors> data [int] [int] [int] ... </doors> <goals> data [int] [int] [int] ... </goals> <alternatives> stay [int] route [int] [int] route [int] [int] ... </alternatives> <followups> save [int] route [int] [int] route [int] [int] ... </followups> </route> <route> ... </route> ... </routedata> </pre>	<p>route information * first route: = ID number of route = name of route = 1. blocking duration (min, max, mean, stddev, distribution.) distribution: 0: equal distributed 1: normal distributed 2: not used = blocking duration per person (min, max, mean, stddev, distribution.) = Max. capacity of persons. (min, max, mean, stddev, distribution.) = intermediate blocking duration (min, max, mean, stddev, distribution.) = Max. amount of cycles (min, max, mean, stddev, distribution.) doors of corresponding route (important for spread) = x-, y- und z-coordinates of a door</p> <p>destination of corresponding route (source of potential) = enumeration of x-, y- und z-coordinates of destination cells</p> <p>alternative routes = probability in % not to change route = route (index, probability in %) sum over all „route“-entries must be 100</p> <p>following routes = probability in % to get rescued = route (index, probability in %) sum over all „route“-entries must be 100</p> <p>next route</p>
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<pre> <shipmotion> cg_x [int] cg_z [int] </pre>	<p>ship movement (AENEAS) = centre of gravity in x-direction = centre of gravity in z-direction</p>
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<pre>filename [string] </shipmotion></pre>	<pre>= filename</pre>
<pre><logpoints> <point> caption [string] coords [int] [int] [int] </point> ... </logpoints></pre>	<pre>log point to log the volume of people definition of a log point = name of log point = cell coordinates of a point (x, y, z)</pre>
<pre><hazards> elements [int] <hazard> caption [string] coords [int] [int] [int] block [int] [int] [int] [int] [int] file [string] </hazard> </hazards></pre>	<pre>Distress like fume etc. = amount of elements definition of a distress element = name = cell coordinate = time when blocking begins (min, max, mean, stddev, deviation) = optional: path of a file with time series</pre>
<pre>EOF</pre>	<pre>end of file</pre>

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