



Mahjongg

Find pairs of symbols, select them and they will be removed. Challenge CODESYS (CODESYS plays a rather simple strategy, but hard to beat) and see if you remove more tiles. The game is finished when all pairs of tiles have been removed from the board or when there are no exposed pairs remaining.

Product description

At the beginning, the game is initialized with a field of 144 tiles with 36 different symbols. A tile is said to be open or exposed if it can be moved either left or right without disturbing other tiles. The goal is to match open pairs of identical tiles and remove them from the board, exposing the tiles under them for play. The game is finished when all pairs of tiles have been removed from the board or when there are no exposed pairs remaining.

More information

`SelectableTile`: This function proves if the requirements mentioned above are fulfilled.

`SetCursor`: This program is responsible for setting the border of the currently selected tile.

`PlayMahjongg`: The main logic is implemented.

`getNumOfPairs`: The number of currently available pairs is calculated.

`CoDeSysPlays`: CODESYS tries three different strategies and chooses the one resulting in the fewest remaining tiles.

`Visualization`: The user can challenge CODESYS to play the game. CODESYS tells the user its best game. Then the user can try to beat CODESYS.

`Image Pool`: The images are stored inside the project and can be accessed in the visualization with an ID.

Screenshots



General information

Manufacturer:

3S-Smart Software Solutions GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

Mahjongg

Item number:

000011

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

- CODESYS software and / or license key with billing information
- For training courses and events: Booking confirmation

System requirements and restrictions

Programming System	CODESYS Development System Version 3.5.14.0 or higher
Runtime System	CODESYS Control Version 3.5.14.0
Supported Platforms/ Devices	All
Additional Requirements	-
Restrictions	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.