Resource Summary Report

Generated by RRID on Apr 11, 2025

MazeSuite

RRID:SCR_009606
Type: Tool

Proper Citation

MazeSuite (RRID:SCR_009606)

Resource Information

URL: http://www.mazesuite.com/

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Description: A complete set of tools that enables researchers to perform spatial and navigational behavior experiments within interactive, easy to create, and extendable (e.g., multiple rooms) 3D virtual environments. MazeSuite can be used to design/edit adapted 3D environments where subjects? behavioral performance can be tracked. Maze Suite consists of three main applications; an editing program to create and alter maps (MazeMaker), a visualization/rendering module (MazeWalker), and finally an analysis/mapping tool (MazeAnalyzer). Additionally, MazeSuite has the capabilities of sending signal pulses to physiological recording devices using standard computer ports. MazeSuite, with all 3 applications, is a unique and complete toolset for researchers who want to easily and rapidly deploy interactive 3D environments. Requirements Maze Suite is designed for Windows 7, Windows Vista and Windows XP. 3D rendering quality depends on available graphics card hardware; OpenGL 2.1 or above compliant is recommended. For Windows XP systems, .NET Framework Version 2.0 or above is required and can be downloaded from Microsoft's website.

Abbreviations: MazeSuite

Synonyms: Maze Suite

Resource Type: data processing software, software application, software toolkit, software resource, data visualization software

Defining Citation: PMID:18411560

Keywords: eeg, meg, electrocorticography, optical imaging, behavior

Funding:

Availability: Account required, Non-commercial, Software License Agreement, Http://mazesuite.com/forum/ucp.php?mode=terms&sid=7373a682447f060f67ec8693b7e470f7

Resource Name: MazeSuite

Resource ID: SCR_009606

Alternate IDs: nlx_155807

Alternate URLs: http://www.nitrc.org/projects/mazesuite

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250411T055345+0000

Ratings and Alerts

No rating or validation information has been found for MazeSuite.

No alerts have been found for MazeSuite.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Buckley MG, et al. (2024) The developmental trajectories of children's reorientation to global and local properties of environmental geometry. Journal of experimental psychology. General, 153(4), 889.

Buckley MG, et al. (2022) The spatial layout of doorways and environmental boundaries shape the content of event memories. Cognition, 225, 105091.

Herrera E, et al. (2022) Temporal and spatial contiguity are necessary for competition between events. Journal of experimental psychology. Learning, memory, and cognition, 48(3), 321.

Buckley MG, et al. (2021) The effects of spatial stability and cue type on spatial learning: Implications for theories of parallel memory systems. Cognition, 214, 104802.

Thomas NA, et al. (2020) Through Doorways and Down Corridors: Investigating Asymmetries During Computer Maze Navigation. Journal of cognition, 3(1), 4.

Buckley MG, et al. (2019) Crossing boundaries: Global reorientation following transfer from the inside to the outside of an arena. Journal of experimental psychology. Animal learning and cognition, 45(3), 322.

Batula AM, et al. (2017) Virtual and Actual Humanoid Robot Control with Four-Class Motor-Imagery-Based Optical Brain-Computer Interface. BioMed research international, 2017, 1463512.

Buckley MG, et al. (2016) Blocking spatial navigation across environments that have a different shape. Journal of experimental psychology. Animal learning and cognition, 42(1), 51.

Buckley MG, et al. (2015) The developmental trajectory of intramaze and extramaze landmark biases in spatial navigation: An unexpected journey. Developmental psychology, 51(6), 771.

Buckley MG, et al. (2015) Learned predictiveness training modulates biases towards using boundary or landmark cues during navigation. Quarterly journal of experimental psychology (2006), 68(6), 1183.

Buckley MG, et al. (2014) Shape shifting: Local landmarks interfere with navigation by, and recognition of, global shape. Journal of experimental psychology. Learning, memory, and cognition, 40(2), 492.