Resource Summary Report

Generated by NIF on Apr 26, 2025

CMake

RRID:SCR_015875
Type: Tool

Proper Citation

CMake (RRID:SCR_015875)

Resource Information

URL: https://cmake.org/

Proper Citation: CMake (RRID:SCR_015875)

Description: Software toolkit designed to build, test and package software. CMake is used to control the software compilation process using simple platform and compiler independent configuration files, and generate native makefiles and workspaces that can be used in the compiler environment of your choice.

Resource Type: software development environment, authoring tool, software development tool, software toolkit, software resource, software application

Defining Citation: PMID:18051095

Keywords: software development, compiler, configuration, makefile, workspace

Funding:

Availability: Open source, Available for download

Resource Name: CMake

Resource ID: SCR_015875

License: OSI-approved BSD 3-clause License

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250426T060514+0000

Ratings and Alerts

No rating or validation information has been found for CMake.

No alerts have been found for CMake.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Yang Z, et al. (2024) A method for measuring banana pseudo-stem phenotypic parameters based on handheld mobile LiDAR and IMU fusion. Frontiers in plant science, 15, 1369501.

Chen B, et al. (2023) Symmetrical Efficient Gait Planning Based on Constrained Direct Collocation. Micromachines, 14(2).

Kim JY, et al. (2023) Virtual reality simulator's effectiveness on the spine procedure education for trainee: a randomized controlled trial. Korean journal of anesthesiology, 76(3), 213.

Jin S, et al. (2022) Protocol for phase-field simulations of lithium dendrite growth with MOOSE framework. STAR protocols, 3(4), 101713.

Hoffmann M, et al. (2022) TF-Prioritizer: a Java pipeline to prioritize condition-specific transcription factors. GigaScience, 12.

Seong H, et al. (2022) Development of pre-procedure virtual simulation for challenging interventional procedures: an experimental study with clinical application. The Korean journal of pain, 35(4), 403.

Sticca EL, et al. (2021) Current Developments in Detection of Identity-by-Descent Methods and Applications. Frontiers in genetics, 12, 722602.

Allain F, et al. (2021) Geniac: Automatic Configuration GENerator and Installer for nextflow pipelines. Open research Europe, 1, 76.

Coleman I, et al. (2020) GeDi: applying suffix arrays to increase the repertoire of detectable SNVs in tumour genomes. BMC bioinformatics, 21(1), 45.

González Izard S, et al. (2020) Nextmed: Automatic Imaging Segmentation, 3D Reconstruction, and 3D Model Visualization Platform Using Augmented and Virtual Reality.

Sensors (Basel, Switzerland), 20(10).

Abu A, et al. (2019) Automated craniofacial landmarks detection on 3D image using geometry characteristics information. BMC bioinformatics, 19(Suppl 13), 548.

Hilty MP, et al. (2019) MicroTools enables automated quantification of capillary density and red blood cell velocity in handheld vital microscopy. Communications biology, 2, 217.

Litjens G, et al. (2018) 1399 H&E-stained sentinel lymph node sections of breast cancer patients: the CAMELYON dataset. GigaScience, 7(6).

Khanal B, et al. (2017) Simulating Longitudinal Brain MRIs with Known Volume Changes and Realistic Variations in Image Intensity. Frontiers in neuroscience, 11, 132.

De Vos D, et al. (2017) Virtual Plant Tissue: Building Blocks for Next-Generation Plant Growth Simulation. Frontiers in plant science, 8, 686.

Eisfeldt J, et al. (2017) TIDDIT, an efficient and comprehensive structural variant caller for massive parallel sequencing data. F1000Research, 6, 664.

Khanal B, et al. (2016) A biophysical model of brain deformation to simulate and analyze longitudinal MRIs of patients with Alzheimer's disease. NeuroImage, 134, 35.

Arnulfo G, et al. (2015) Automatic segmentation of deep intracerebral electrodes in computed tomography scans. BMC bioinformatics, 16, 99.

Taha AA, et al. (2015) Metrics for evaluating 3D medical image segmentation: analysis, selection, and tool. BMC medical imaging, 15, 29.

Shamonin DP, et al. (2013) Fast parallel image registration on CPU and GPU for diagnostic classification of Alzheimer's disease. Frontiers in neuroinformatics, 7, 50.