

Resource Summary Report

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DCMTK: DICOM Toolkit

RRID:SCR_007360

Type: Tool

Proper Citation

DCMTK: DICOM Toolkit (RRID:SCR_007360)

Resource Information

URL: <http://dicom.offis.de/dcmtdk.php.en>

Proper Citation: DCMTK: DICOM Toolkit (RRID:SCR_007360)

Description: Software collection of libraries and applications implementing large parts of DICOM standard for medical image communication. Includes software for examining, constructing and converting DICOM image files, handling offline media, sending and receiving images over network connection, as well as demonstrative image storage and worklist servers.

Synonyms: DCMTK

Resource Type: software toolkit, software resource

Availability: Free, Freely available

Resource Name: DCMTK: DICOM Toolkit

Resource ID: SCR_007360

Alternate IDs: nif-0000-00283

Alternate URLs: <https://sources.debian.org/src/dcmtdk/>

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260803T040505+0000

Ratings and Alerts

No rating or validation information has been found for DCMTK: DICOM Toolkit.

No alerts have been found for DCMTK: DICOM Toolkit.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Zhong H, et al. (2024) Evaluation and mitigation of deformable image registration uncertainties for MRI-guided adaptive radiotherapy. Journal of applied clinical medical physics, 25(6), e14358.

Kyriakidis S, et al. (2023) An All-in-One Tool for 2D Atherosclerotic Disease Assessment and 3D Coronary Artery Reconstruction. Journal of cardiovascular development and disease, 10(3).

Weiss J, et al. (2023) Deep learning to estimate lung disease mortality from chest radiographs. Nature communications, 14(1), 2797.

Chalise AR, et al. (2022) Using eclipse scripting to fully automate in-vivo image analysis to improve treatment quality and safety. Journal of applied clinical medical physics, 23(6), e13585.

Lorenzini L, et al. (2022) The Open-Access European Prevention of Alzheimer's Dementia (EPAD) MRI dataset and processing workflow. NeuroImage. Clinical, 35, 103106.

Mora P, et al. (2021) The IAEA remote and automated quality control methodology for radiography and mammography. Journal of applied clinical medical physics, 22(11), 126.

Hoffmann J, et al. (2019) The effect of CSF drain on the optic nerve in idiopathic intracranial hypertension. The journal of headache and pain, 20(1), 59.

Taylor AG, et al. (2018) Automated detection of moderate and large pneumothorax on frontal chest X-rays using deep convolutional neural networks: A retrospective study. PLoS medicine, 15(11), e1002697.

Herrmann MD, et al. (2018) Implementing the DICOM Standard for Digital Pathology. Journal of pathology informatics, 9, 37.

Kubota Y, et al. (2018) Evaluation of the accuracy and clinical practicality of a calculation system for patient positional displacement in carbon ion radiotherapy at five sites. Journal of applied clinical medical physics, 19(2), 144.

Leung KY, et al. (2015) IT Infrastructure to support the secondary use of routinely acquired clinical imaging data for research. Neuroinformatics, 13(1), 65.

Haselgrove C, et al. (2014) A simple tool for neuroimaging data sharing. Frontiers in neuroinformatics, 8, 52.

Bockholt HJ, et al. (2010) Mining the mind research network: a novel framework for exploring large scale, heterogeneous translational neuroscience research data sources. *Frontiers in neuroinformatics*, 3, 36.