Package 'BioImageDbs'

October 16, 2025

Type Package

Title Bio- and biomedical imaging dataset for machine learning and deep learning (for ExperimentHub)

Version 1.16.0

Encoding UTF-8

Depends R (>= 4.1.0)

Imports ExperimentHub, AnnotationHub, markdown, rmarkdown, EBImage, magick, magrittr, filesstrings, animation, einsum

Suggests knitr, BiocStyle, purrr

Description The package provides a bioimage dataset for the image analysis using machine learning and deep learning. The dataset includes microscopy imaging data with supervised labels. The data is provided as R list data that can be loaded to Keras/tensorflow in R.

VignetteBuilder knitr

License Artistic-2.0

URL https://kumes.github.io/BioImageDbs/

LazyLoad yes

biocViews ExperimentHub, ExperimentData, CellCulture, Tissue

RoxygenNote 7.1.1

git_url https://git.bioconductor.org/packages/BioImageDbs

git_branch RELEASE_3_21

git_last_commit ab06d69

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-10-16

Author Satoshi Kume [aut, cre] (ORCID: <https://orcid.org/0000-0001-7481-2843>), Kozo Nishida [aut] (ORCID: <https://orcid.org/0000-0001-8501-7319>)

Maintainer Satoshi Kume <satoshi.kume.1984@gmail.com>

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`BioImageDbs-package` *Bio- and biomedical imaging dataset for machine learning and deep learning (for ExperimentHub)*

Description

The package provides a bioimage dataset for the image analysis using machine learning and deep learning. The dataset includes microscopy imaging data with supervised labels. The data is provided as R list data that can be loaded to Keras/tensorflow in R.

Details

The DESCRIPTION file: This package was not yet installed at build time.

Index: This package was not yet installed at build time.

Author(s)

Satoshi Kume [aut, cre] (ORCID: <https://orcid.org/0000-0001-7481-2843>), Kozo Nishida [aut] (ORCID: <https://orcid.org/0000-0001-8501-7319>)

Maintainer: Satoshi Kume <satoshi.kume.1984@gmail.com>

Examples

```
ls("package:BioImageDbs") # This is empty package
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