Package ‘BioImageDbs’

March 14, 2024

Type Package
Title Bio- and biomedical imaging dataset for machine learning and deep learning (for ExperimentHub)
Version 1.10.0
Encoding UTF-8
Depends R (>= 4.1.0)
Imports ExperimentHub, AnnotationHub, markdown, rmarkdown, EBImage, magick, magrittr, filestrings, 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_18
git_last_commit 636f74e
git_last_commit_date 2023-10-24
Repository Bioconductor 3.18
Date/Publication 2024-03-14
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BioImageDbs-package

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*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.

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**Examples**

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