

Package: xegaMigration (via r-universe)

October 11, 2026

Title 'Xega' Island Models

Version 0.5.0.4

Description Implements asynchronous message-passing communication protocols for island models of extended and evolutionary algorithms (see Tomassini, Marco (2005, ISBN:978-3-540-24193-5)) for the R-package 'xega' <<https://CRAN.R-project.org/package=xega>>. Basic asynchronous as well as synchronized communication primitives are supplied based on file I/O operations ('rds') on a shared file system or by 'openMPI' (MPI) messages. The gene selection and replacement strategies, the migration policy as well as the communication topology between islands are configurable. Homogeneous and heterogeneous island algorithms are supported. For examples (R and shell-scripts), see <<https://github.com/ageyerschulz/xega/tree/main/examples/IslandModels>>.

License MIT + file LICENSE

URL <https://github.com/ageyerschulz/xegaMigration>

Encoding UTF-8

LazyData false

RoxygenNote 7.3.3

Depends R (>= 3.5.0)

Imports xegaSelectGene (>= 1.0.0.4), xegaPopulation

Suggests testthat (>= 3.0.0)

Repository <https://ageyerschulz.r-universe.dev>

Date/Publication 2026-09-07 19:05:11 UTC

RemoteUrl <https://github.com/ageyerschulz/xegamigration>

RemoteRef HEAD

RemoteSha 5ad6aa6d87612bc106f2567dce906e3ee15c239b