

R Plugin

Plugin Information

View R [on the plugin site](#) for more information.

A simple plug-in to invoke R interpreter and execute an R script.

Description

With this script you can execute R scripts as part of your build. This plug-in was created for use in [BioUno](#) (sponsored by [Tupilabs](#)) project, and released to Jenkins as well.

```
#####  
# A simple script to plot summary graphs of a MrBayes execution. This script #  
# was adapted to be used in the BioUno [1] project. #  
# The original script can be found at [2], written by Fredrik Ronquist. #  
#  
# New features in this script: #  
# -command line parsing #  
# -parameterized input file name #  
# -parameterized number of runs #  
# -parameterized number of chains #  
# -parameterized working directory #  
# -parameterized burn-in fraction value #  
# -parameterized verbose output option #  
# -one png file per graph, instead of a single pdf #  
# [1] http://www.biouno.org #  
# [2] http://people.sc.fsu.edu/~fronquis/mrbayes/ #  
# RScript_SummarizeMrBayesFiles.r #  
#  
# TODO: add a parameter that lets the user define the output format (PDF, #  
# PDF, JPEG, ...) #  
#  
#@author: Brian P. Bourke #  
#@author: Bruno P. Kinoshita <brunodepaulak@yahoo.com.br> #  
#@see http://people.sc.fsu.edu/~fronquis/mrbayes/ #  
#@since 8-Jul-2012 #  
#@version 0.1 #  
#####  
  
library("methods")  
library("getopt")  
library("optparse")
```

You can also use environment variables, tokens created by other plug-ins or parameters via

```
paste('Date:', Sys.getenv('BUILD_ID'))
```

This will print something similar to *Date: 2014-02-17_15-48-59*

Issues

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Change Log

Release 0.5 (May, 20, 2017)

- [pull request #5](#): Implement captureOutput()
- [pull request #6](#): [WIP] Create R script file in workspace

Release 0.4 (Jan, 13, 2017)

- [pull request #1](#): Make plugin compatible to Jenkins Pipeline plugin
- [pull request #3](#): Revert "Make plugin compatible to Jenkins Pipeline plugin"
- [pull request #4](#): Add Jenkins Pipeline compatibility

Release 0.3 (Jul, 27, 2016)

- [pull request #2](#): Use codemirror styles for textarea input (i.e. syntax highlighting). (thanks to @kadrach)

Release 0.2 (Jul, 22, 2012)

- Fixing plug-in name in pom.xml and creating Wiki page.

Release 0.1 (Jul, 10, 2012)

- Initial release.

Roadmap

- Use Jenkins built-in editor with syntax highlighting (check if it supports R)