

ADAMS

Advanced **D**ata mining **A**nd Machine learning **S**ystem

Module: adams-r



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Chapter 1

Introduction

R is a language and environment for statistical computing and graphics... blah
blah blah

Chapter 2

Requirements

Chapter 3

Flow

3.1 Actors

The following flow actors are available:

- *RSource* – This is a Source which passes an R-script to the R-engine to evaluate and returns the result.
- *RSink* – This is a Sink which takes input from a previous actor, such as a Source or a Transformer, evaluates an R-script with respect to the input.
- *RTransformer* – This is a Transformer which behaves like a combination of the RSource and RSink actors in that it takes input from an actor, evaluates an R-script with respect to it and returns the result.
- *RStandalone* – This is a Standalone which means it takes no input and produces no out, it merely evaluates an R-script in the R-engine.

3.2 Examples

The following sections demonstrate how to use the previously introduced actors in more detail.

3.2.1 RSource

3.2.2 RSink

3.2.3 RTransformer

3.2.4 RStandalone

Chapter 4

Troubleshooting

Bibliography

- [1] *ADAMS* – Advanced Data mining and Machine learning System
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- [2] *R Project* – The R Project for Statistical Computing
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