1 Introduction

Rattle (Williams, 2009) is a package written in R providing a graphical user interface to very many other R packages that provide functionality for data mining.

This quick start guide is under development. See http://rattle.togaware.com for extensive documentation.

2 Requirements

Rattle depends on over 40 other R packages and a couple of other software applications/libraries that are independent of R. The first thing to ensure is that you have installed the GTK+ libraries and the GGobi application. This is operating system independent. Details are available for each of the major operating systems:

- GNU/Linux: http://datamining.togaware.com/survivor/Install_GNU_Linux.html
- MS/Windows: http://datamining.togaware.com/survivor/Install_MS_Windows.html
- Mac OS/X: http://datamining.togaware.com/survivor/Install_Macintosh.html

Only a couple of R packages are dependencies for Rattle. Most are suggestions, but without them functionality is quite limited. At a minimum, be sure to have the RGtk2 package installed. Others that you might like to install include: ada, arules, doBy, ellipse, fBasics, fpc, gplots, Hmisc, kernlab, mice, network, party, playwith, pmml, randomForest, reshape, rggobi, RGtk2, ROCR, RODBC, and rpart.

The packages can usually be installed with:
> install.packages(rattle, dependencies = c("Depends", "Suggests"))

3 First Steps

Start up rattle:

> library(rattle)
> rattle()

4 References