



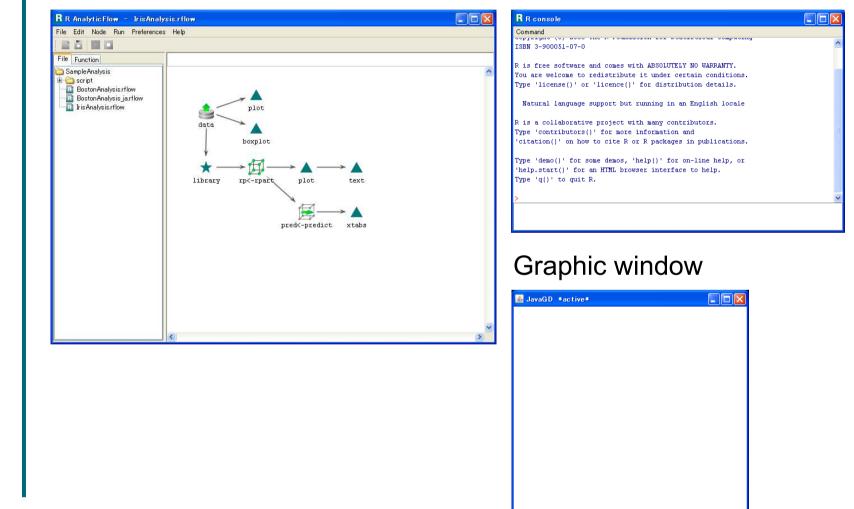
Introduction

- This talk contains...
 - This is "R AnalyticFlow"
 - What's good?
 - About the software
 - Demo
 - Where are we heading?

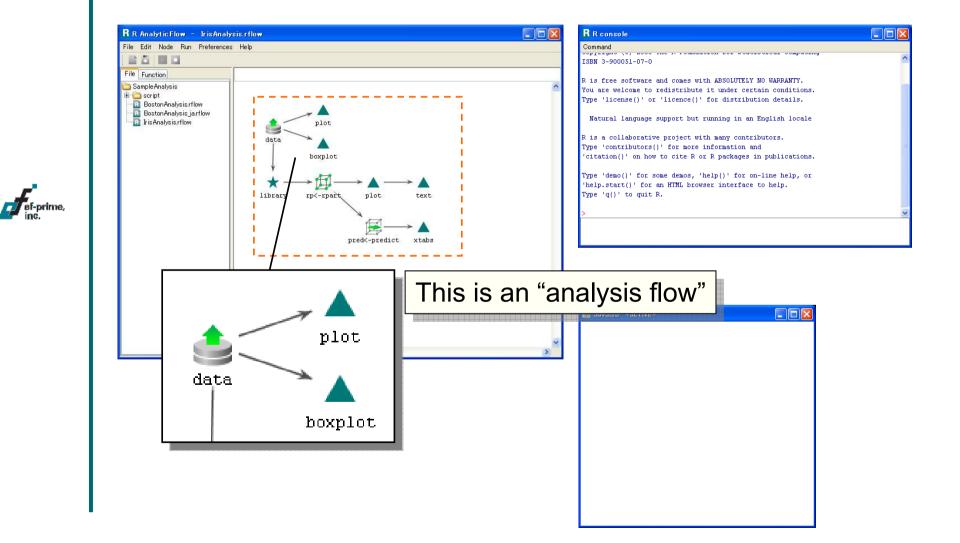


Main window

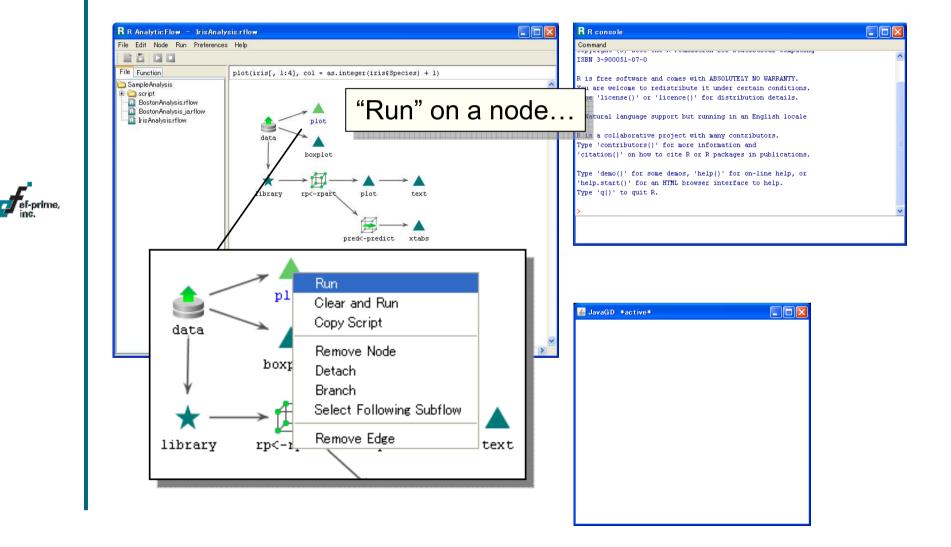
fef-prime,



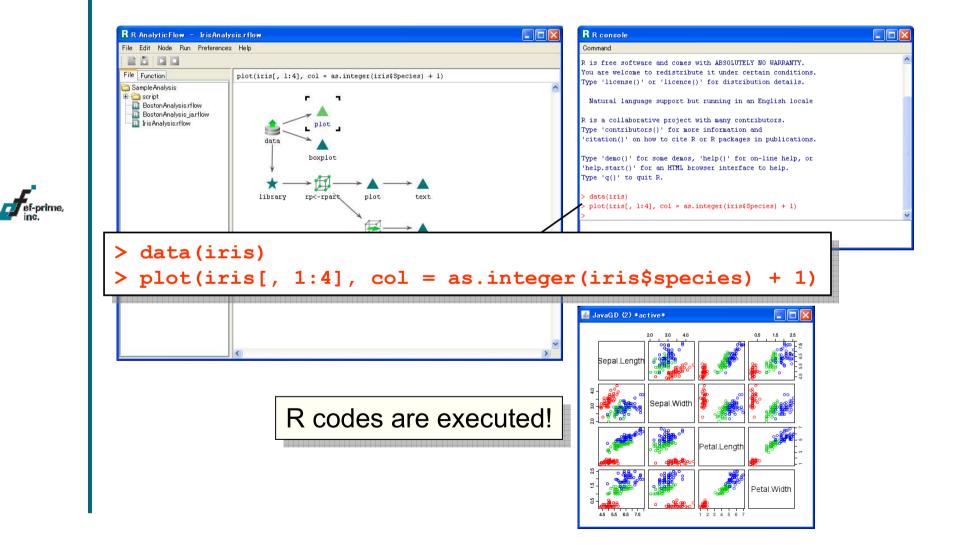
Console window



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What's good?

Visual.

- Easier to think, share and remember.
- Once created, anyone can use it.

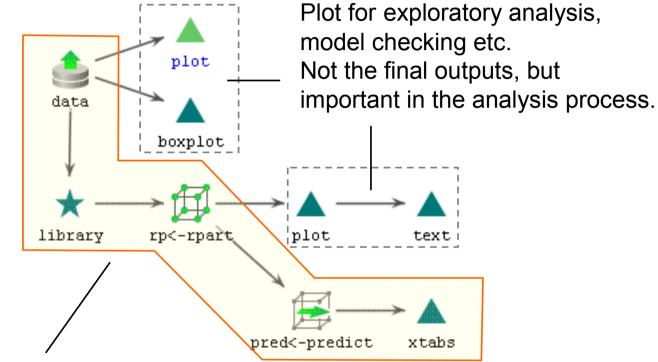
Flexible.

ef-prime,

- Data analysis is not always straightway.
- It can represent "branching" processes.



"Branching"



Branches:

Mainstream:

Loading data and library, modeling and prediction. Prediction result is the final output.

About the software

System requirements

- OS: Windows, Linux and Mac OS X.
 - Linux version runs on Mac OS X.
- Java >= 5
- R >= 2.5.0
 - Required packages: rJava, JavaGD and codetools.
 - For multi-byte Windows environment, modified library pack is required (currently available for R <= 2.6.2).



About the software

Development

- Java
- Many open source softwares... thank you!
 - R, JRI, rJava, JavaGD, JUNG, Apache libraries, etc.



About the software

- Availability
 - Freely available!
 - Open sourced under the BSD license.
 - Download from:



http://www.ef-prime.com/

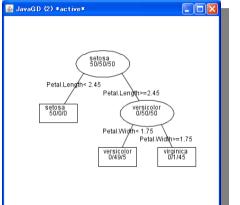


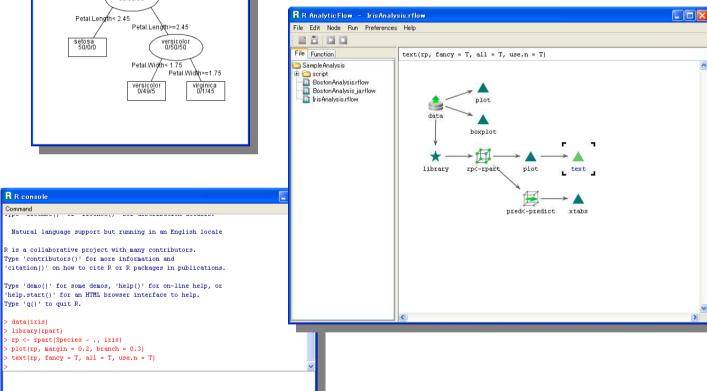
Demo

R R console

Type 'q()' to quit R. > data(iris) > library(rpart)

> rp <- rpart(Species ~ ., iris)





Current status

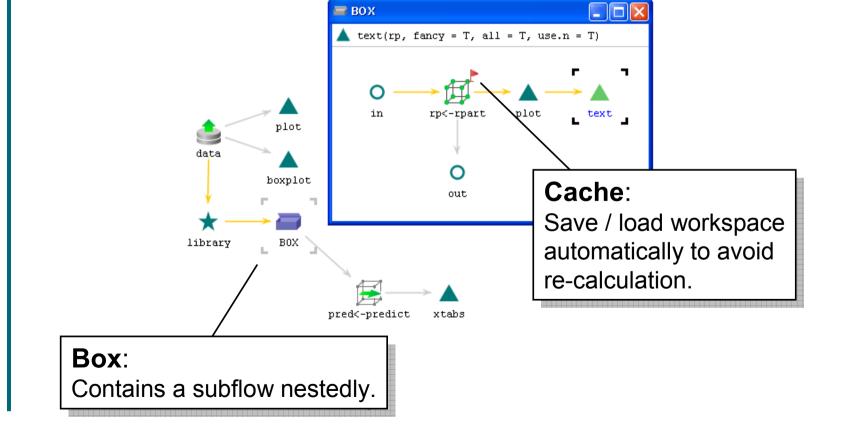
- "Preview edition"
 - Basic functions are well-developed and tested
 - Many advanced functions are under development



Next version

- A milestone version with important new functions





- About us: Ef-prime, Inc.
 - A data analysis company
 - Location: Tokyo, Japan
 - Services:
 - · Data analysis consulting
 - Software development
 - Training
- About me…
 - Ryota Suzuki
 - An author of package "pvclust"
 - Running the company with friends

- Our motivation
 - Our needs
 - R is flexible, reliable and open
 - One of the best choice, but we need more



- Not only a useR!
 - We hope to commit to R, with our viewpoint of business data analysis
 - There will be much in common with other fields of application!

- Need your help
 - Maintenance is tough.
 - For a small company, especially without charge
 - Any kind of help is welcomed!
 - Bug / typo report
 - Comments, requests
 - Request for paid support
 - > Data analysis
 - > Software customization
 - > Documentation, etc.



Thank you!

Enjoy your analysis with...



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