



Shiny Demonstration

30th October 2013

# Shiny - Part 1

- ▶ Some Announcements
- ▶ Overview of Demonstration
- ▶ Resources (i.e. Shiny Tutorial Page)
- ▶ Minimal Examples
- ▶ Widgets
- ▶ JavaScript
- ▶ Deploying Shiny

# London R - December Meeting

**Date:** Tuesday 3rd December

**Time:** 6pm (presentations begin at 6.30pm)

**Venue:** Balls Brothers, Minster Pavement, Mincing Lane,  
London EC3R 7PP

**Info:** See [www.LondonR.org](http://www.LondonR.org) for more details.

## **Presentations:**

**Andy South** - Making beautiful world maps with  
country-referenced data using `rworldmap` and other R  
packages

**Malcolm Sherrington** - Algorithmic Trading with R

**Chris Beeley** - Shiny happy web interfaces - Shiny, HTML, CSS,  
JavaScript, and Shiny Server working together

# What is Shiny?

## Easy web applications in R

*(Source: Shiny's Website)*

- ▶ **Shiny** makes it super simple for R users like you to turn analyses into interactive web applications that anyone can use.
- ▶ Let your users choose input parameters using friendly controls like sliders, drop-downs, and text fields.
- ▶ Easily incorporate any number of outputs like plots, tables, and summaries.

# What is Shiny?

## Easy web applications in R (contd.)

*(Source: Shiny's Website)*

- ▶ No **HTML** or **JavaScript** knowledge is necessary. If you have some experience with R, you're just minutes away from combining the statistical power of R with the simplicity of a web page.
- ▶ *(Remark: They do appear to be really handy - based on several examples available on the internet!)*

# Shiny Resources

- ▶ Shiny Tutorial  
(<http://rstudio.github.io/shiny/tutorial>)
- ▶ Chris Beeley's New Book  
(Plug! Sample Chapter)
- ▶ Stack-Overflow and GitHub



Scenarios Network for Alaska & Arctic Planning

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Exploring our future in a changing Arctic

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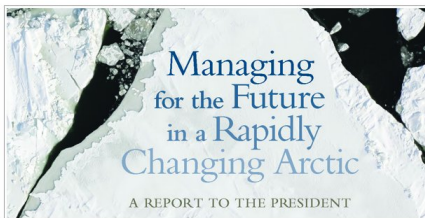
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### Managing for the Future in a Rapidly Changing Arctic

SNAP and ACCAP contributed to a report to the President of the U.S. The report highlights the need to coordinate and use the best available science to integrate cultural, environmental and economic factors in decision-making about development and conservation in the Arctic.

[read more >>](#)

1 2 3 4 5 6



Mark Leonawicz (SNAP - Uni. Alaska Fairbanks)

# github

SOCIAL CODING



github - code sharing





rstudio

- ▶ Makers of Shiny : RStudio  
(JJ Allaire, Hadley Wickham etc etc)
- ▶ RStudio? IDE for R. See  
`www.rstudio.org` for more.
- ▶ Shiny's Lead Developers : Winston Chang  
and Joe Cheng.