Use Rapache: It Works!

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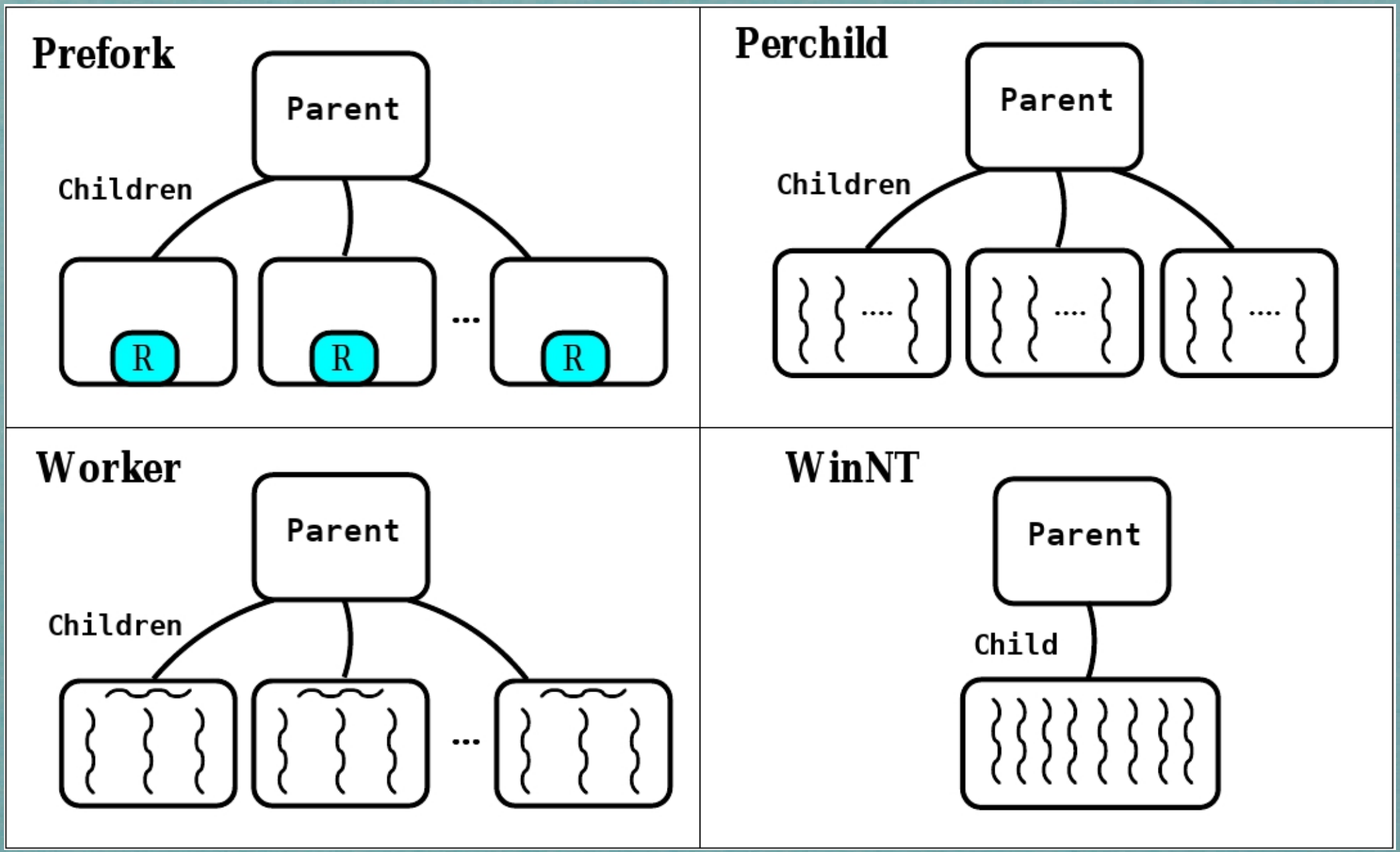
http://www.meetup.com/R-users

Basic Rapache Architecture



Configuring Apache for Rapache

Edit http.conf or similar

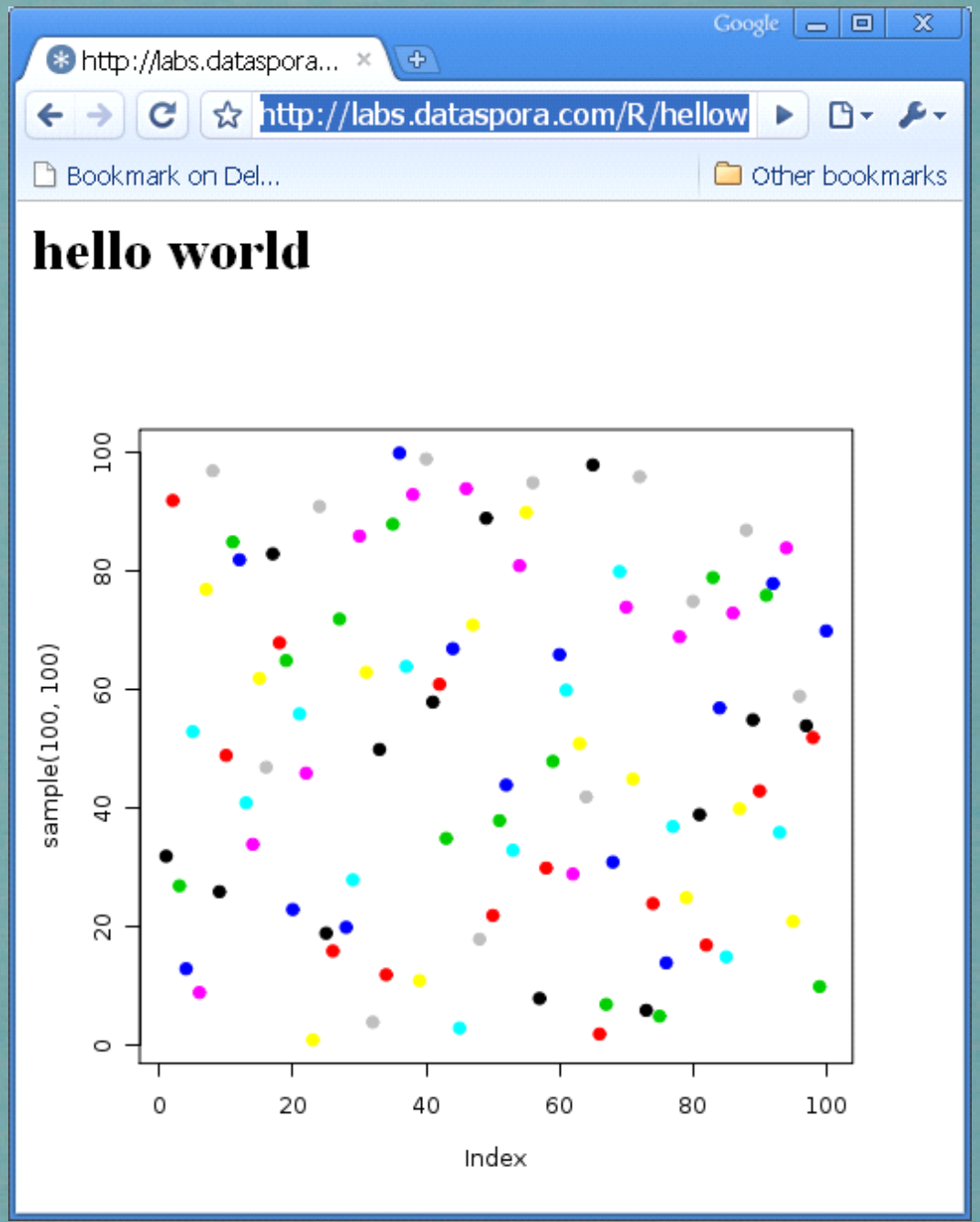
```
Location R_module /usr/lib/apache2/modules/mod_R.so

<Location /R/hello>
    SetHandler r-handler
    RfileHandler /var/www/test.R::hello
</Location>
```

Writing Hello World!

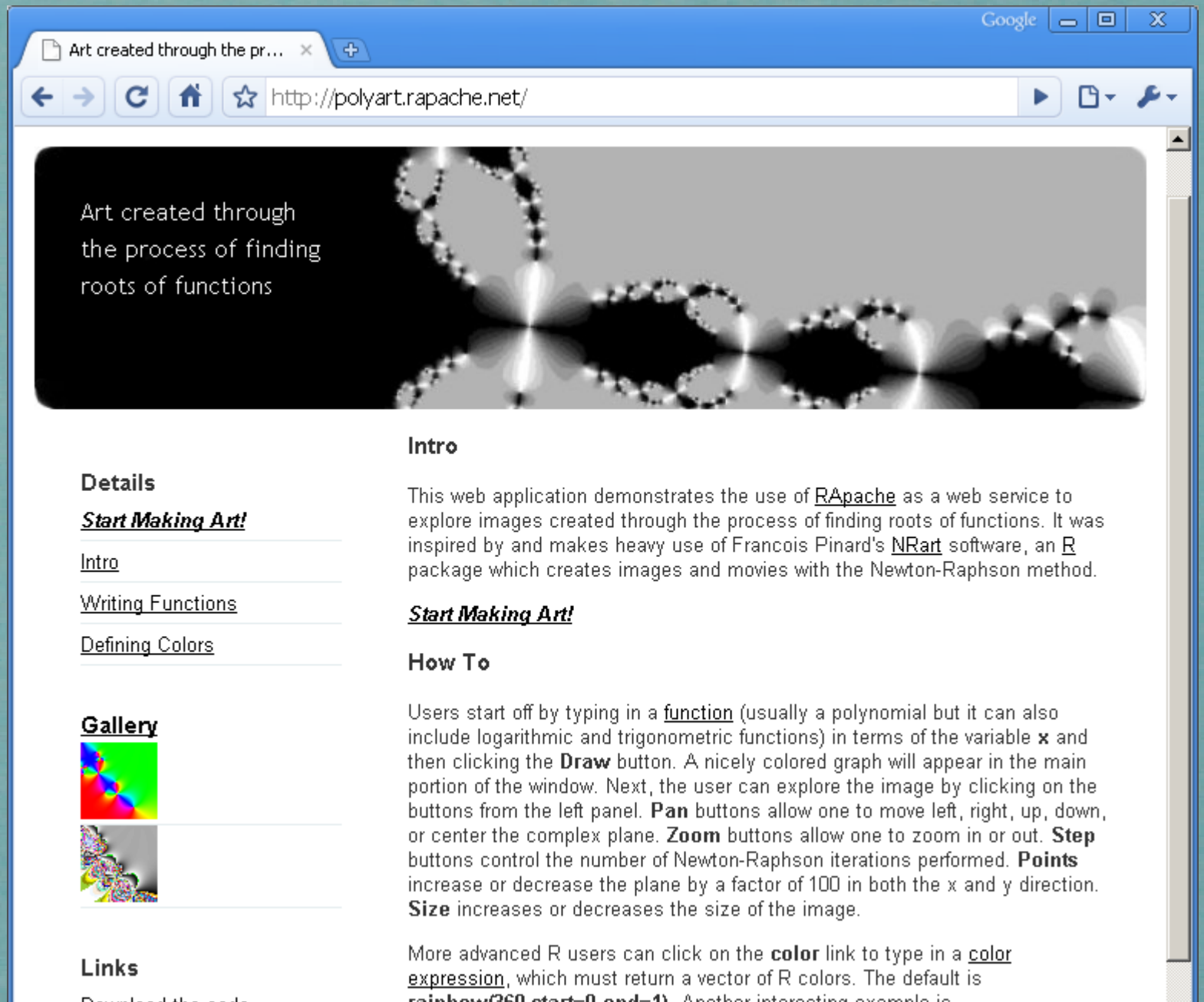
Edit test.R

```
hello <- function(){
    setContentType("text/html")
    png("/var/www/hello.png")
    plot(sample(100,100),col=1:8,pch=19)
    dev.off()
    cat("<html>")
    cat("<body>")
    cat("<h1>hello world</h1>")
    cat('<img src="hello.png"')
    cat("</body>")
    cat("</html>")
    OK
}
```

Writing Hello World!



Rails - AJAX - MySQL - OH MY!



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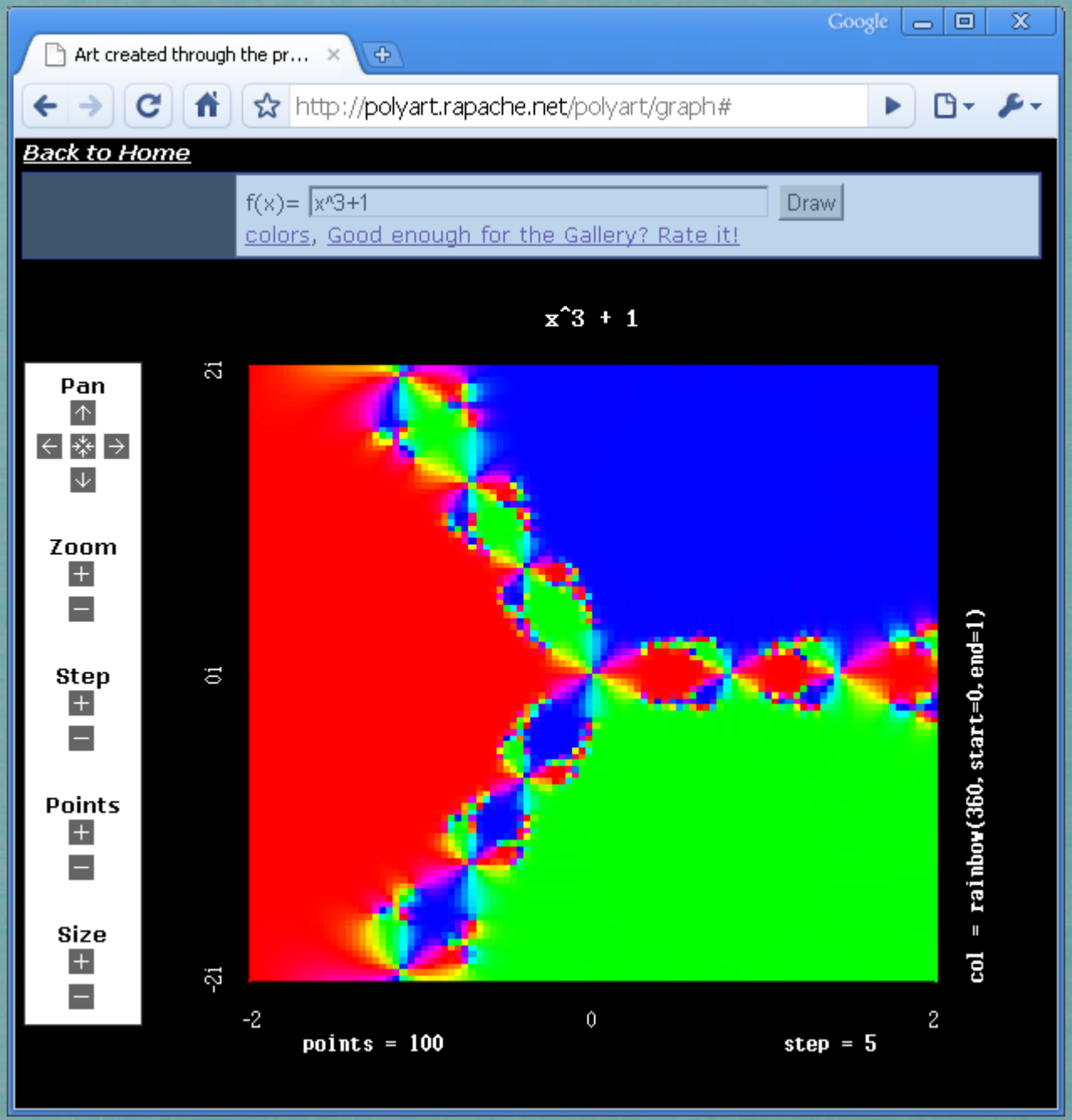

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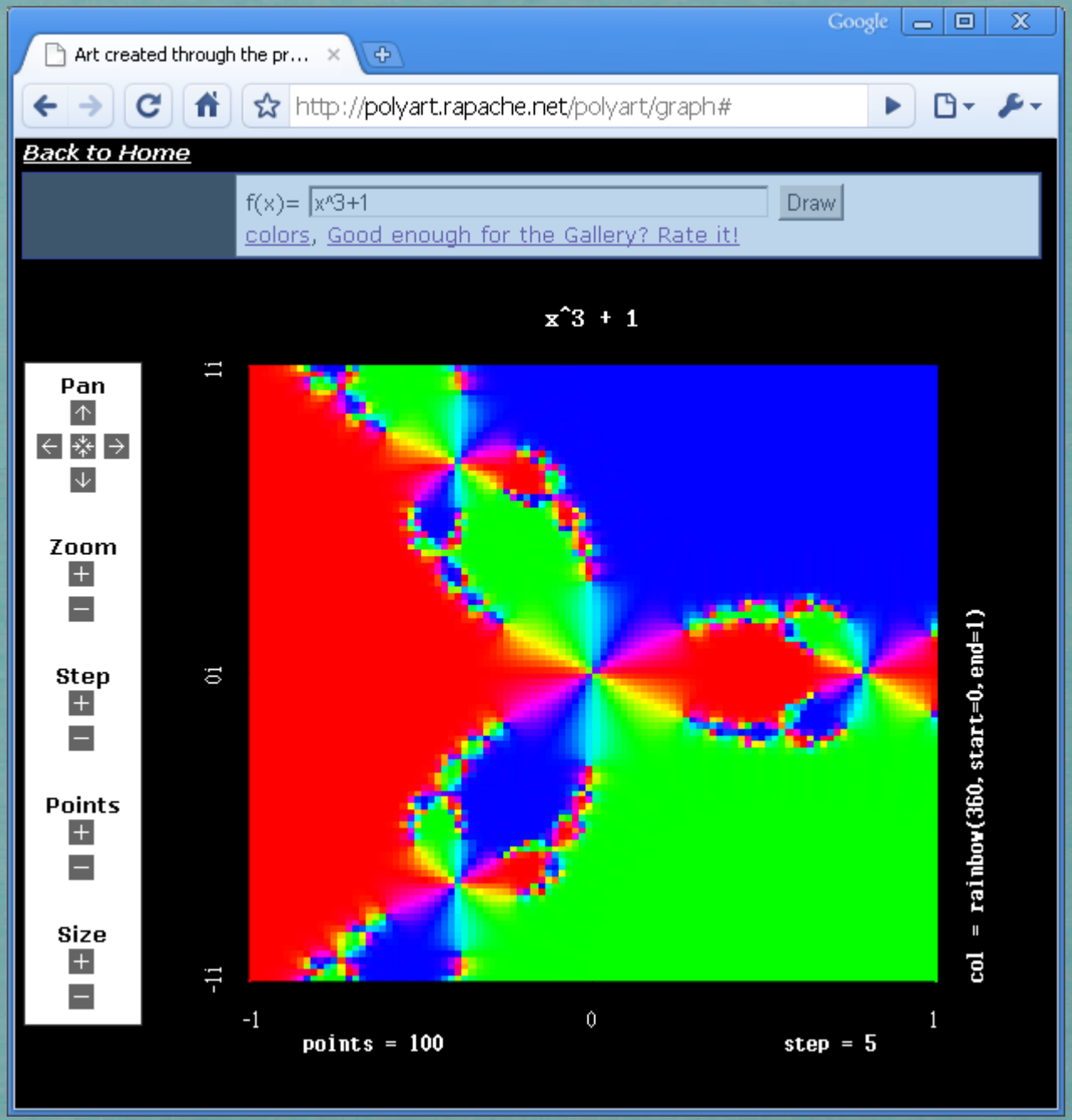

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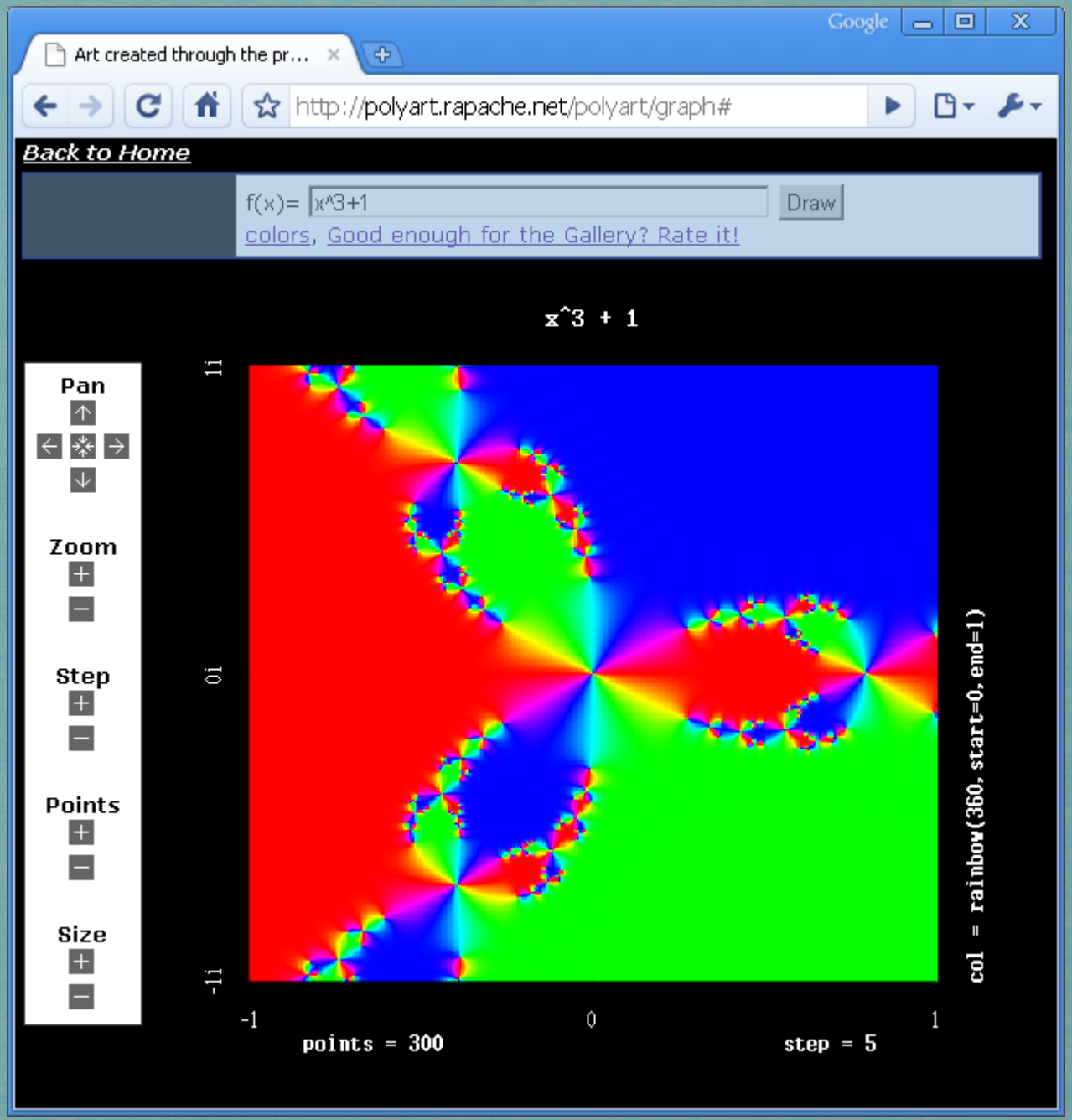
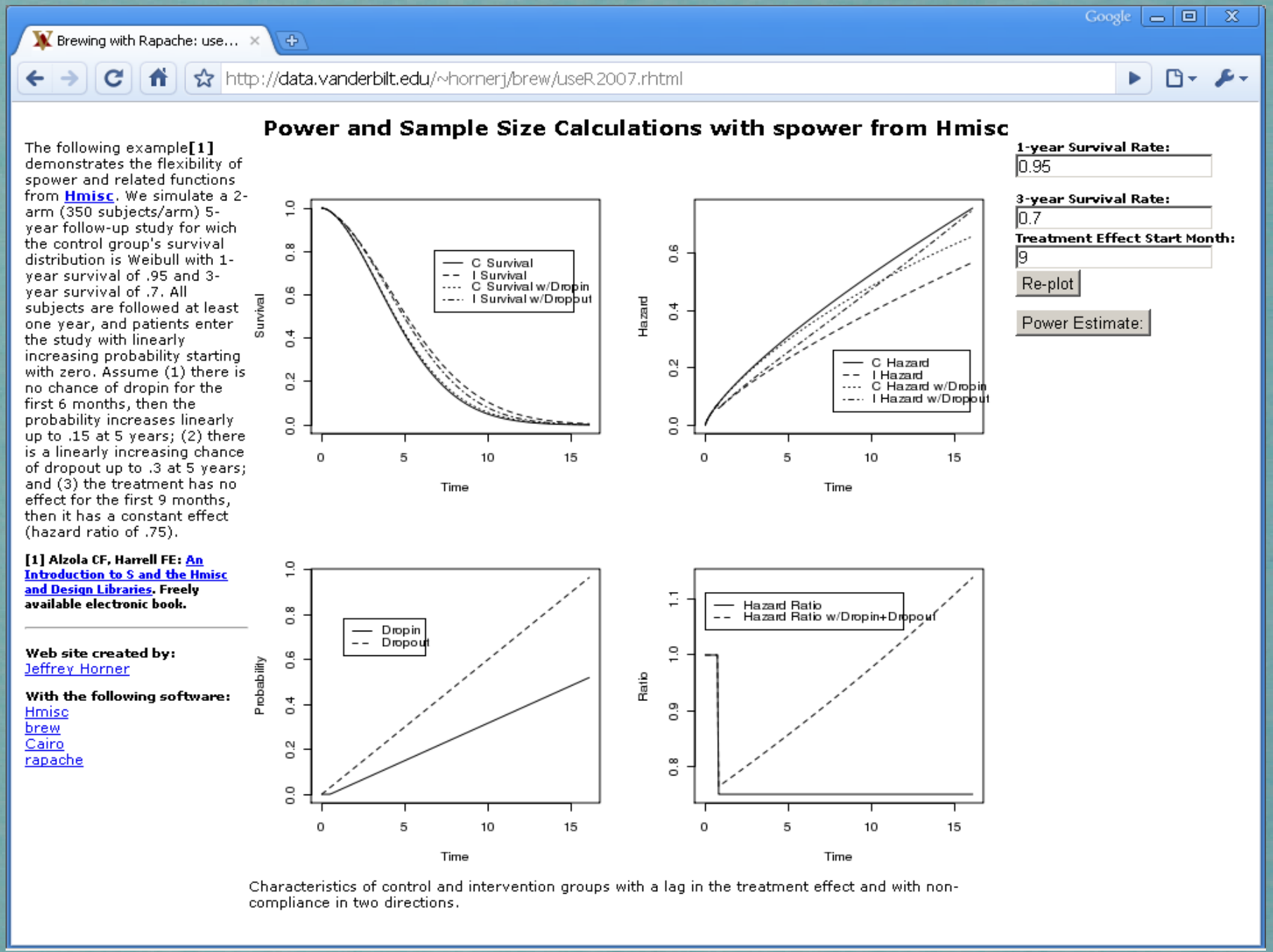
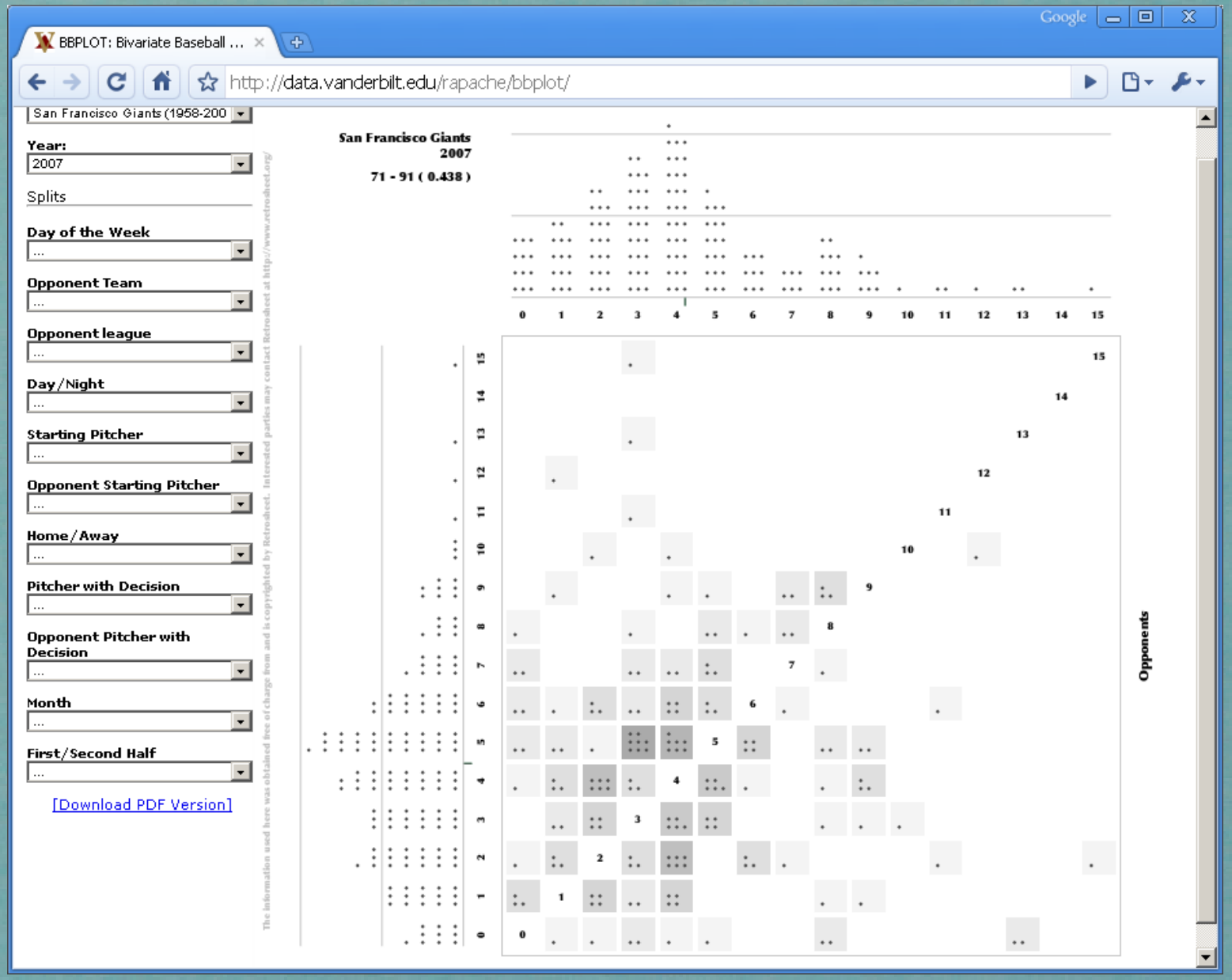


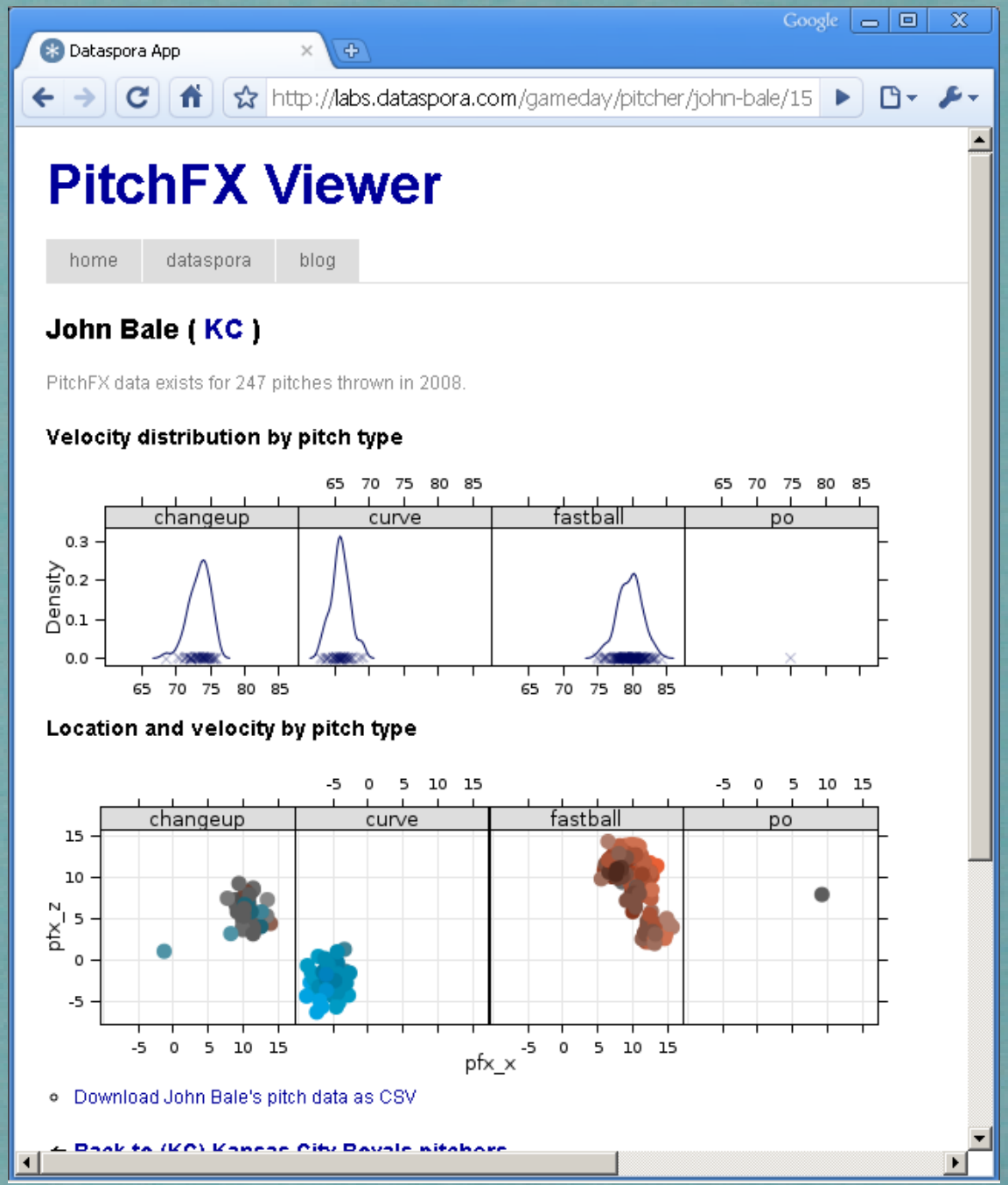
Hmisc - Power and Sample Size



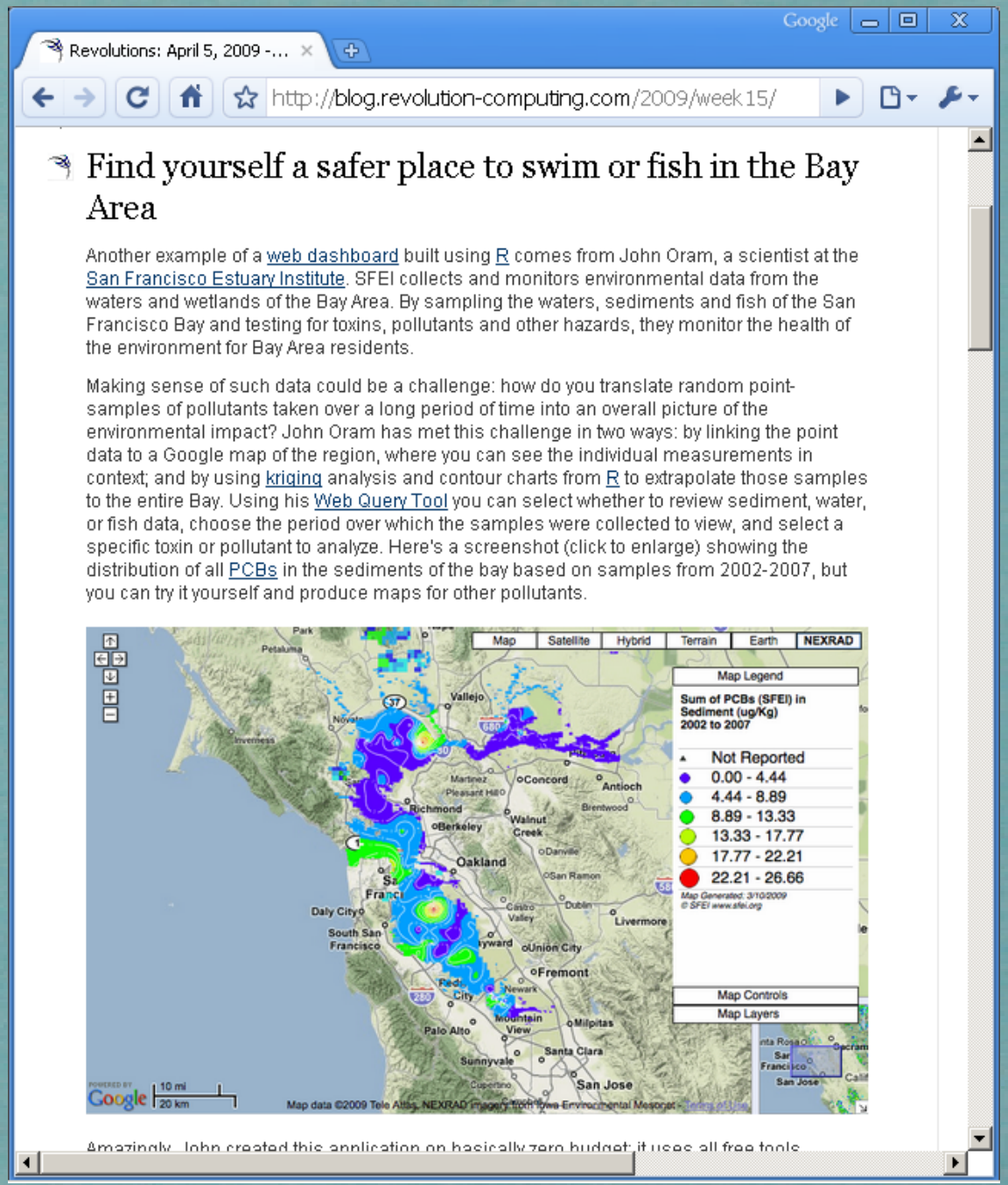
Baseball Plots



Baseball Plots: Reloaded!



Go Fish! or Swim!



Thanks!

Need Help!

- Debian/Ubuntu/Redhat package
- Amazon EC2 image
- C programmers for new features

Future Stuff

- Session timeout for long running scripts
- tryCatch() for better error messaging
- Rails/Django like MVC package