

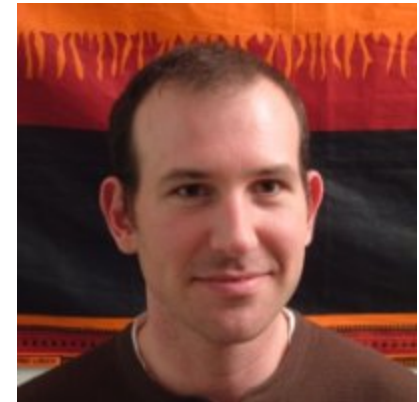
Developing Jenkins plugins with Ruby

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A Man

- Charles Lowell (@cowboyd)
- And others
 - Jorgen, myself, Tyler, ...



A Plan

- Open up Jenkins platform for Ruby devs
- Let them develop plugins
 - in Ruby
 - with Ruby tools, not Maven
- The end result will still look and feel like ordinary Jenkins plugins

A Canal: github.com/jenkinsci/jenkins.rb

 jenkinsci / jenkins.rb

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Use the Jenkins continuous integration server — [Read more](#)
<http://groups.google.com/group/jenkinsrb>

[ZIP](#) [SSH](#) [HTTP](#) [Git Read-Only](#) `git@github.com:jenkinsci/jenkins.rb.git` [Read+Write access](#)

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 Latest commit to the **master** branch

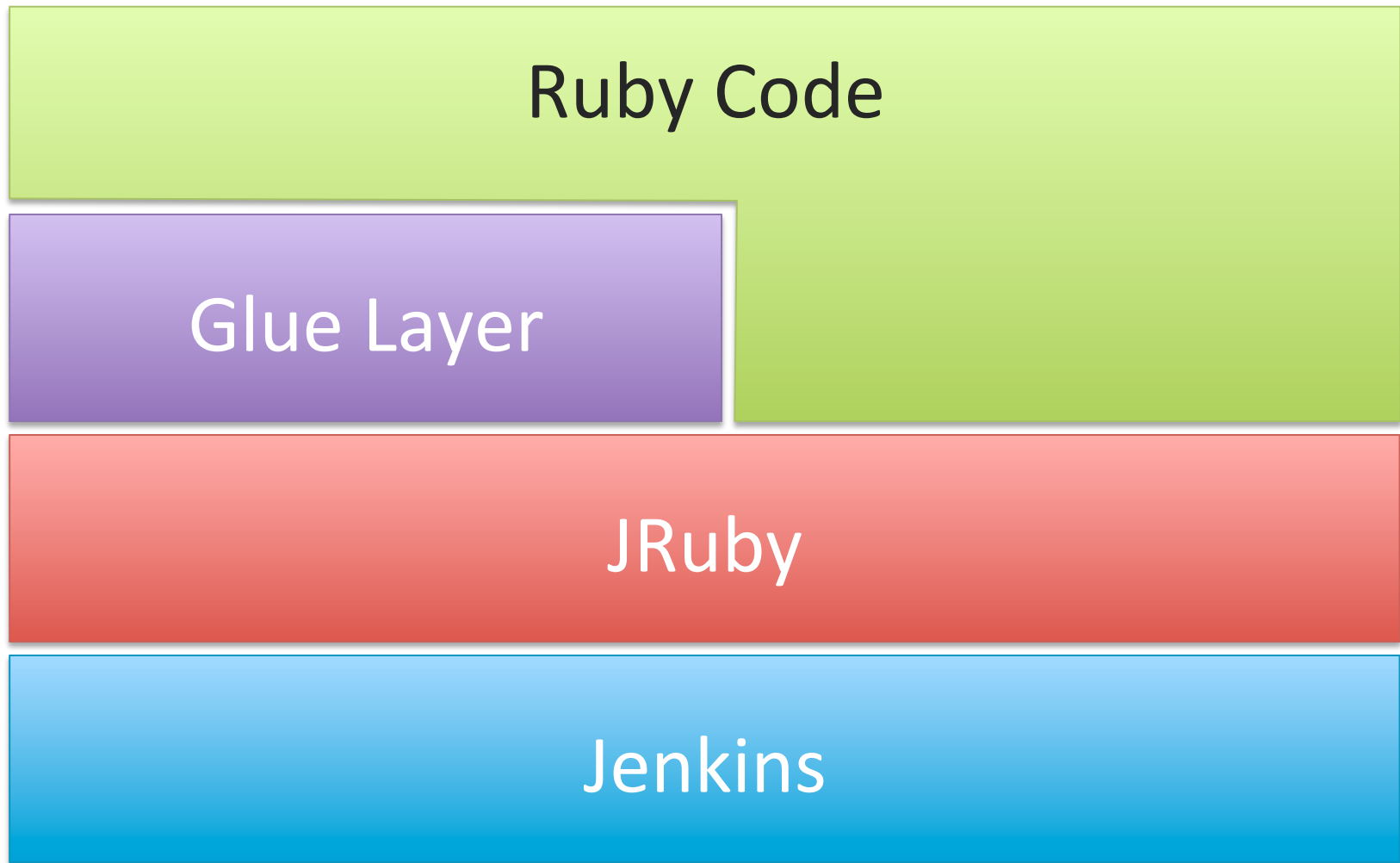
`jpi-v0.3.7`

 **cowboyd** authored 18 days ago [commit b42be74b85](#)

jenkins.rb /

name	age	message	history
 java-runtime	2 months ago	[maven-release-plugin] prepare for next development iteration [kohsuke]	
 ruby-runtime	23 days ago	Merge remote-tracking branch 'origin/master' [cowboyd]	
 ruby-tools	18 days ago	jpi-v0.3.7 [cowboyd]	
 .gitignore	a month ago	ignore .gradle/ directories [cowboyd]	

Architecture



Java Extension Example

```
public class RootActionImpl implements RootAction {  
    public String getIconFileName() {  
        return "gears.png";  
    }  
    public String getDisplayName() {  
        return "Restart Jenkins";  
    }  
    public String getUrlName() {  
        return "restart";  
    }  
}
```

JRuby Java interop

```
class RootActionImpl < Java.hudson.model.RootAction
  def getIconFileName
    "gears.png"
  end
  def getDisplayName
    "Restart Jenkins"
  end
  def getUrlName
    "restart"
  end
end
```

With Ruby proxy layer, it gets even better

```
class RootActionImpl < Jenkins::Model::RootAction
  icon_file_name "gears.png"
  display_name "Restart Jenkins"
  url_name "restart"
end
```

Demo