

# Fighting dragons with git

Git workflow for JBoss.org projects

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# Fork & Pull model

- Everyone can fork our projects on github and then submit pull requests.
- Pull requests get reviewed and merged by the maintainers with push access.
- Challenge: Make the pull request integration more automated.



# Pull request automation



**jboss-as-pull-request** commented

a day ago

Triggering build using a merge of [793c902](#) on branch master:

Private: <http://lightning.mw.lab.eng.bos.redhat.com/jenkins/job/as7-param-pull/>



**jboss-as-pull-request** commented

a day ago

Build 6903 is now running using a merge of [793c902](#) on branch master:

Private: <http://lightning.mw.lab.eng.bos.redhat.com/jenkins/job/as7-param-pull/6903>



**jboss-as-pull-request** commented

a day ago

Build 6903 outcome was FAILURE using a merge of [793c902](#) on branch master:

Private: <http://lightning.mw.lab.eng.bos.redhat.com/jenkins/job/as7-param-pull/6903>

Public: <http://hudson.jboss.org/hudson/job/as7-param-pull/6903>



Community

# Pull request automation



**jboss-as-pull-request** commented

15 hours ago

Build 6915 outcome was SUCCESS using a merge of [333d08e](#) on branch master:

Private: <http://lightning.mw.lab.eng.bos.redhat.com/jenkins/job/wildfly-param-pull/6915>

Public: <http://hudson.jboss.org/hudson/job/wildfly-param-pull/6915>



**jaikiran** commented

4 hours ago

Merged



**jaikiran** closed the pull request 4 hours ago



Community

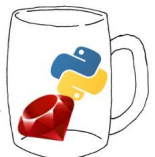
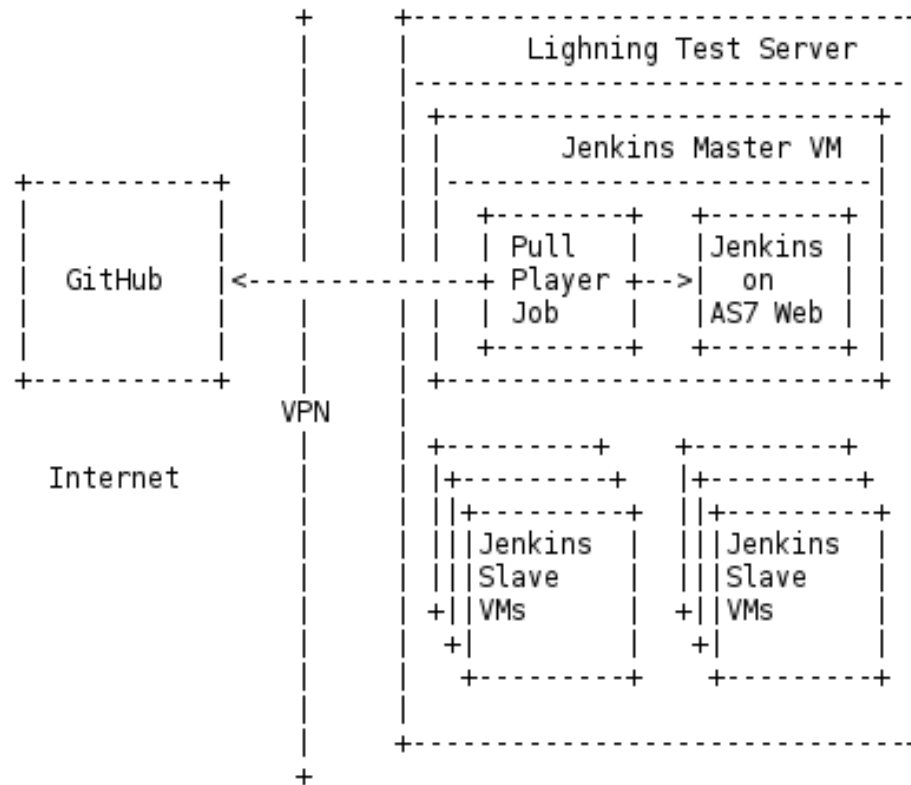


# Pull request automation

- Every pull request is automatically tested against rebased master branch.
- If user updates the pull request the whole process is restarted.
- Users can type “retest this please” in the pull request comment to trigger new test-suite run.



# Pull request builder

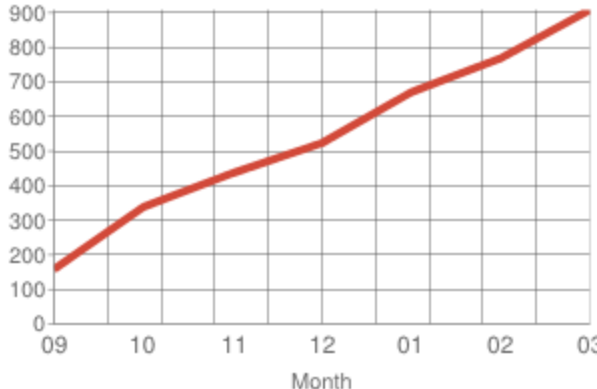



# Jenkins GitHub pull request builder plugin



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# Jenkins GitHub pull request builder plugin

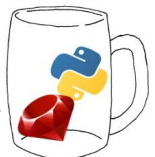
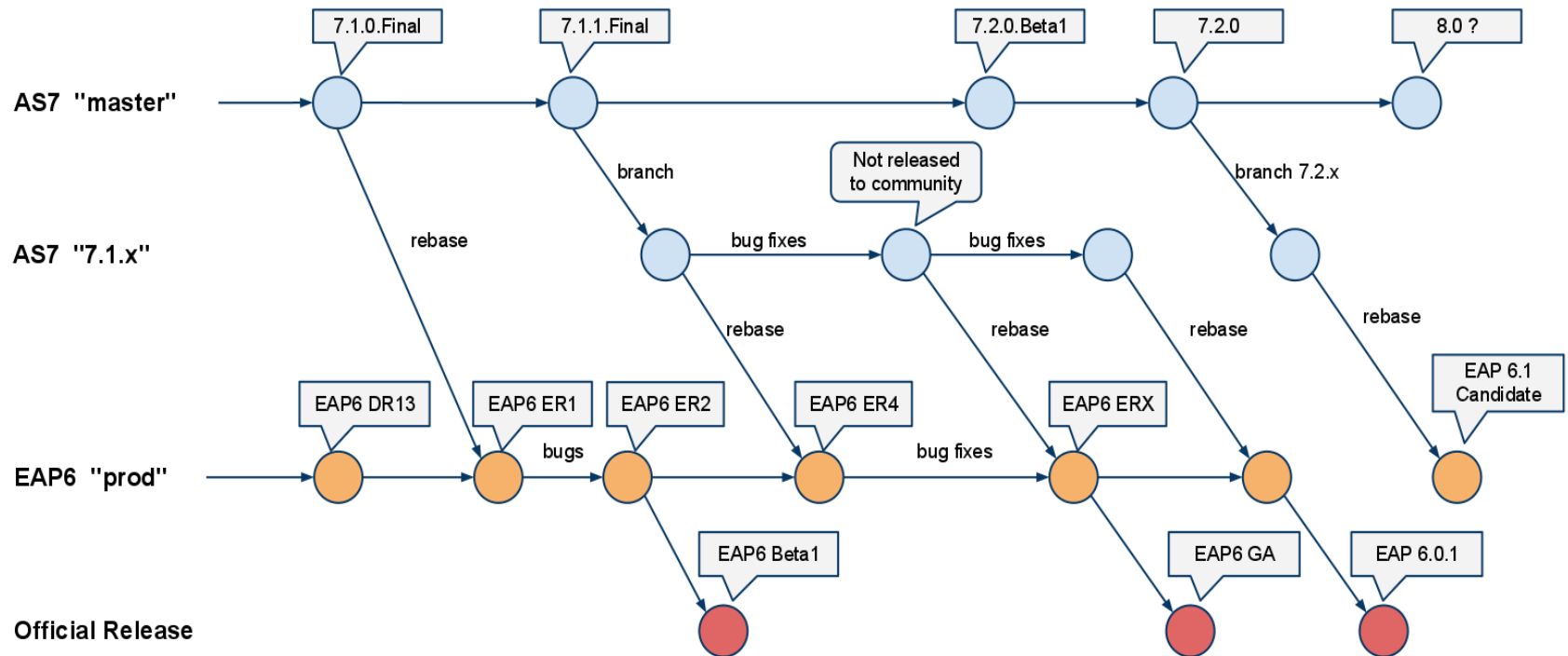
<b>Plugin ID</b>	ghprb	<b>Changes</b>	<a href="#">In Latest Release</a> <a href="#">Since Latest Release</a>																
<b>Latest Release</b> <b>Latest Release Date</b> <b>Required Core</b> <b>Dependencies</b>	1.7 Apr 19, 2013 1.480 <a href="#">github-api</a> (version:1.40) <a href="#">github</a> (version:1.5) <a href="#">git</a> (version:1.1.17)	<b>Source Code</b> <b>Issue Tracking</b> <b>Maintainer(s)</b>	<a href="#">GitHub</a> <a href="#">Open Issues</a> <a href="#">Honza Brázdil</a> (id: janinko)																
<b>Usage</b>	<p>ghprb - installations</p>  <table><tr><th>Month</th><th>Installations</th></tr><tr><td>09</td><td>158</td></tr><tr><td>10</td><td>338</td></tr><tr><td>11</td><td>436</td></tr><tr><td>12</td><td>523</td></tr><tr><td>01</td><td>670</td></tr><tr><td>02</td><td>768</td></tr><tr><td>03</td><td>908</td></tr></table>	Month	Installations	09	158	10	338	11	436	12	523	01	670	02	768	03	908	<b>Installations</b>	2012-Sep 158 2012-Oct 338 2012-Nov 436 2012-Dec 523 2013-Jan 670 2013-Feb 768 <b>2013-Mar 908</b> 
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# Project/Product git workflow

Time



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# Questions?



**Community**

Wabeeja Medawagse Mersi unalchéesh Tingki Komapsumnida Shukuria  
 Paldies Tashakkur Maketai hui Sanco bolzín  
 anha Maake Denkauja gozaimashita Fakaau Spasibo  
 Ekhmet Mehrbani Nenachaliya Spassibo  
 Maiteka ekoju Tavtapuch suksama  
 Baiika Yuspagaràtam Minmonchar Atto Gaejtho  
 Yaqhanyelay Efcharisto Gui  
 Dankscheen Arigato  
 Merci shukria lah Merastawhy Dhanyabaad Chaltu  
 BiyanGrazie Snachalluya Juspaxar



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# References

- [1] Jenkins  
GitHub pull request builder plugin



# Image References

- PyVo community logo, courtesy of [python.cz](http://python.cz)
- CC Dragon image
- CC Thanks image by woodleywonderworks



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