

Edinburgh JAM

October 2017



Welcome

Introductions



Organizers

- John Pikoulas
 - jpikoulas@gmail.com
 - Twitter
 - Picture

 - Donald Simpson
 - donaldsimpson@gmail.com
 - Twitter
 - Picture
-

Topics

A brief Introduction to Jenkins
Jenkins & Pipelines(Scripting &
Declarative)

- Title
 - Presenter
- Title
 - Presenter

Fresh Jenkins Releases



Latest Releases

- Weekly (2.81)

- Release Notes - jenkins.io/changelog/

- LTS (2.73.1)

- Release Notes - jenkins.io/changelog-stable/

What's new in 2.73.1 (2017-09-13)

- Up



Community reported issues: 1xJENKINS-1234 1xJENKINS-46754 1xJENKINS-46968

Plugin Updates

- Blue Ocean (1.2.4)
- Pipeline: Declarative (1.2.1)

Jenkins Security

jenkins.io/security/

- Security Advisories
 - Security Notifications
 - Report Security Vulnerability
 - Vulnerabilities in Plugins
-

Jenkins Security Advisory 2017-08-07

jenkins.io/security/advisory/2017-08-07/

- Blue Ocean: GitHub Pipeline, REST Implementation for Blue Ocean, Bitbucket Pipeline for Blue Ocean up to and including 1.2.0-beta-3
- Config File Provider Plugin up to and including 2.16.1
- DRY Plugin up to and including 2.48
- Pipeline: Groovy Plugin up to and including 2.38
- Pipeline: Input Step Plugin up to and including 2.7
- Script Security Plugin up to and including 1.30
- Static Analysis Utilities Plugin up to and including 1.91
- And more...

Jenkins Security Advisory 2017-08-08

jenkins.io/security/advisory/2017-08-08/

- SAML Plugin up to and including 1.0.2.

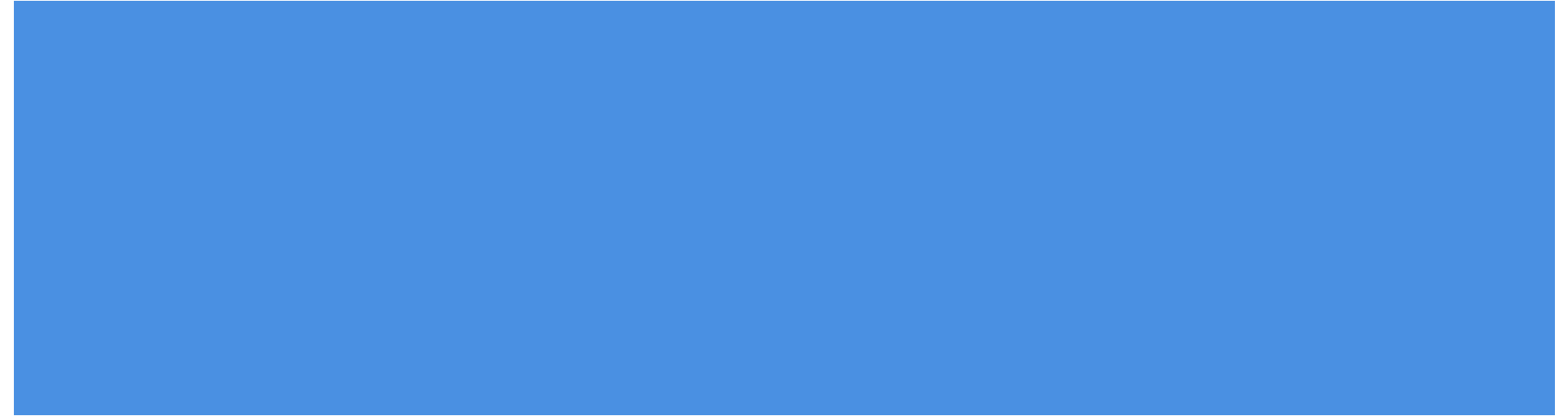
Jenkins Security Advisory 2017-09-27

<https://jenkins.io/security/advisory/2017-09-27/>

Jenkins 2.80 did not correctly initialize the setup wizard on the first startup. This resulted in the some security settings not being set to the usual strict default

- Jenkins 2.80 only
- Jenkins LTS releases are unaffected

Events



Recent Events

- Jenkins World 2017
 - Recordings - youtube.com/user/CloudBeesTV
 - Contributor Summit Notes: bit.ly/2x1ICUZ

Future Events

- FOSDEM (Brussels)
 - 3 & 4 February 2018

- Jenkins World 2018 (San Francisco)
 - 6-19 Sept 2018

Blue Ocean

jenkins.io/projects/blueocean/roadmap/



Parallel Stages (Declarative Pipeline 1.2)

```
stage('run-parallel-branches') {
  steps {
    parallel(
      BranchA: {
        echo "This is branch a"
      },
      BranchB: {
        echo "This is branch b"
      }
    )
  }
}
```

```
stage('Run Tests') {
  parallel {
    stage('StageA') {
      // Parallel stages
      // support agent, post, etc
      agent { label "node-for-a" }
      steps {
        echo "This is branch a"
      }
    }
    stage('StageB') { ... }
  }
}
```

Pipeline Shared Libraries

- Fabric8
 - github.com/fabric8io/fabric8-pipeline-library
 - github.com/fabric8io/fabric8-jenkinsfile-library
- Docker Shared Libraries
 - github.com/docker/jenkins-pipeline-scripts