minikube config set memory 12228

minikube config set cpus 4

minikube config set disk-size 60000MB

minikube config set vm-driver virtualbox

minikube delete

Minikube start

Wait …

Minikube ip

172.16.193.170

Check vs host file 🡪

Kubectl get all

--crea db master/slave

--checa heml list

helm repo list

helm repo add stable <https://kubernetes-charts.storage.googleapis.com>

helm repo add presslabs <https://presslabs.github.io/charts>

helm install mysql-cluster-mariadb stable/mariadb -f db-cluster-deployment.yaml

auxiliaries:

#helm uninstall mysql-cluster-mariadb

#kubectl logs -f mysql-cluster-mariadb-master-0 -c mariadb

#kubectl logs -f mysql-cluster-mariadb-master-0 -c metrics

--crea db standalone

kubectl apply -f .\db-a-deployment.yaml

--crea backend wildfly+war

kubectl apply -f .\backend-a-deployment.yaml

--crea frontend

kubectl apply -f .\front-a-deployment.yaml

--crea ingress

kubectl apply -f .\bus-ingress.yaml

--crea Jenkins

kubectl apply -f .\jenkins-a-deployment.yaml

kubectl describe por <pod-name-jenkins>

obtener el contariner id 🡪 7e35769e60701c509ad1dfc730f8e73886a867995f86398d0434449e3adc8de4

kubectl apply -f role2.yaml

minikube ssh

Docker exec -it -u <container id> bash

#en minikube ssh dar permisos:

#  sudo chown 1000 /data/jenkins\_home/

Wait…. Running

**Configure Jenkins**

Kubectl logs -f <pod name>

Extract from log password: 963dacddb77a4320b62bfbdce4b5af08

* Install suggested plugins
* Instalar los siguientes plugins

Plugins



[Ant Plugin](https://plugins.jenkins.io/ant)

Adds Apache Ant support to Jenkins

[1.10](http://mx.com.smi.services:30301/pluginManager/plugin/ant/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Apache HttpComponents Client 4.x API Plugin](https://plugins.jenkins.io/apache-httpcomponents-client-4-api)

Bundles Apache HttpComponents Client 4.x and allows it to be used by Jenkins plugins.

[4.5.10-2.0](http://mx.com.smi.services:30301/pluginManager/plugin/apache-httpcomponents-client-4-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Authentication Tokens API Plugin](https://plugins.jenkins.io/authentication-tokens)

This plugin provides an API for converting credentials into authentication tokens in Jenkins.

[1.3](http://mx.com.smi.services:30301/pluginManager/plugin/authentication-tokens/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Azure Commons Plugin](https://plugins.jenkins.io/azure-commons)

Common APIs for Azure related Jenkins plugins

[1.0.4](http://mx.com.smi.services:30301/pluginManager/plugin/azure-commons/thirdPartyLicenses)

Principio del formulario



Final del formulario



[bouncycastle API Plugin](https://plugins.jenkins.io/bouncycastle-api)

This plugin provides an stable API to Bouncy Castle related tasks.

[2.18](http://mx.com.smi.services:30301/pluginManager/plugin/bouncycastle-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Branch API Plugin](https://plugins.jenkins.io/branch-api)

This plugin provides an API for multiple branch based projects.

[2.5.5](http://mx.com.smi.services:30301/pluginManager/plugin/branch-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Build Monitor View](https://plugins.jenkins.io/build-monitor-plugin)

Provides a highly visible view of the status of selected Jenkins jobs. It easily accommodates different computer screen sizes and is ideal as an Extreme Feedback Device to be displayed on a screen on your office wall.

[1.12+build.201809061734](http://mx.com.smi.services:30301/pluginManager/plugin/build-monitor-plugin/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Build Pipeline Plugin](https://plugins.jenkins.io/build-pipeline-plugin)

This plugin renders upstream and downstream connected jobs that typically form a build pipeline. In addition, it offers the ability to define manual triggers for jobs that require intervention prior to execution, e.g. an approval process outside of Jenkins.

[1.5.8](http://mx.com.smi.services:30301/pluginManager/plugin/build-pipeline-plugin/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Build Timeout](https://plugins.jenkins.io/build-timeout)

This plugin allows builds to be automatically terminated after the specified amount of time has elapsed.

[1.19](http://mx.com.smi.services:30301/pluginManager/plugin/build-timeout/thirdPartyLicenses)

Principio del formulario



Final del formulario



[CloudBees Credentials Plugin](https://plugins.jenkins.io/cloudbees-credentials)

**CloudBees Credentials Plugin**  
This plugin is used to manage credentials within Jenkins. This plugin is used by CloudBees plugins to access CloudBees services.

[3.3](http://mx.com.smi.services:30301/pluginManager/plugin/cloudbees-credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[CloudBees Docker Build and Publish plugin](https://plugins.jenkins.io/docker-build-publish)

This plugin enables building Dockerfile based projects, as well as publishing of the built images/repos to the docker registry.

[1.3.2](http://mx.com.smi.services:30301/pluginManager/plugin/docker-build-publish/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Command Agent Launcher Plugin](https://plugins.jenkins.io/command-launcher)

Allows agents to be launched using a specified command.

[1.4](http://mx.com.smi.services:30301/pluginManager/plugin/command-launcher/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Conditional BuildStep](https://plugins.jenkins.io/conditional-buildstep)

A buildstep wrapping any number of other buildsteps, controlling their execution based on a defined condition (e.g. BuildParameter).

[1.3.6](http://mx.com.smi.services:30301/pluginManager/plugin/conditional-buildstep/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Config File Provider Plugin](https://plugins.jenkins.io/config-file-provider)

Ability to provide configuration files (e.g. settings.xml for maven, XML, groovy, custom files,...) loaded through the UI which will be copied to the job workspace.

[3.6.3](http://mx.com.smi.services:30301/pluginManager/plugin/config-file-provider/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Credentials Binding Plugin](https://plugins.jenkins.io/credentials-binding)

Allows credentials to be bound to environment variables for use from miscellaneous build steps.

[1.20](http://mx.com.smi.services:30301/pluginManager/plugin/credentials-binding/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Credentials Plugin](https://plugins.jenkins.io/credentials)

This plugin allows you to store credentials in Jenkins.

[2.3.0](http://mx.com.smi.services:30301/pluginManager/plugin/credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Delivery Pipeline Plugin](https://plugins.jenkins.io/delivery-pipeline-plugin)

This plugin visualize Delivery Pipelines (Jobs with upstream/downstream dependencies)

[1.4.0](http://mx.com.smi.services:30301/pluginManager/plugin/delivery-pipeline-plugin/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Deployment Dashboard Plugin for Jenkins](https://plugins.jenkins.io/ec2-deployment-dashboard)

[1.0.10](http://mx.com.smi.services:30301/pluginManager/plugin/ec2-deployment-dashboard/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Display URL API](https://plugins.jenkins.io/display-url-api)

Provides the DisplayURLProvider extension point to provide alternate URLs for use in notifications

[2.3.2](http://mx.com.smi.services:30301/pluginManager/plugin/display-url-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Docker Commons Plugin](https://plugins.jenkins.io/docker-commons)

Provides the common shared functionality for various Docker-related plugins.

[1.16](http://mx.com.smi.services:30301/pluginManager/plugin/docker-commons/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Docker Pipeline](https://plugins.jenkins.io/docker-workflow)

Build and use Docker containers from pipelines.

[1.21](http://mx.com.smi.services:30301/pluginManager/plugin/docker-workflow/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Durable Task Plugin](https://plugins.jenkins.io/durable-task)

Library offering an extension point for processes which can run outside of Jenkins yet be monitored.

[1.33](http://mx.com.smi.services:30301/pluginManager/plugin/durable-task/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Email Extension Plugin](https://plugins.jenkins.io/email-ext)

This plugin is a replacement for Jenkins's email publisher. It allows to configure every aspect of email notifications: when an email is sent, who should receive it and what the email says

[2.68](http://mx.com.smi.services:30301/pluginManager/plugin/email-ext/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Environment Dashboard Plugin](https://plugins.jenkins.io/environment-dashboard)

This plugin is used to generate the Environment Dashboard.

[1.1.7](http://mx.com.smi.services:30301/pluginManager/plugin/environment-dashboard/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Folders Plugin](https://plugins.jenkins.io/cloudbees-folder)

This plugin allows users to create "folders" to organize jobs. Users can define custom taxonomies (like by project type, organization type etc). Folders are nestable and you can define views within folders. Maintained by CloudBees, Inc.

[6.10.1](http://mx.com.smi.services:30301/pluginManager/plugin/cloudbees-folder/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Git client plugin](https://plugins.jenkins.io/git-client)

Utility plugin for Git support in Jenkins

[3.0.0](http://mx.com.smi.services:30301/pluginManager/plugin/git-client/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Git plugin](https://plugins.jenkins.io/git)

This plugin integrates [Git](https://git-scm.com/) with Jenkins.

[4.0.0](http://mx.com.smi.services:30301/pluginManager/plugin/git/thirdPartyLicenses)

Principio del formulario



Final del formulario



[GIT server Plugin](https://plugins.jenkins.io/git-server)

Allows Jenkins to act as a Git server.

[1.9](http://mx.com.smi.services:30301/pluginManager/plugin/git-server/thirdPartyLicenses)

Principio del formulario



Final del formulario



[GitHub API Plugin](https://plugins.jenkins.io/github-api)

This plugin provides [GitHub API](http://github-api.kohsuke.org/) for other plugins.

[1.95](http://mx.com.smi.services:30301/pluginManager/plugin/github-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[GitHub Branch Source Plugin](https://plugins.jenkins.io/github-branch-source)

Multibranch projects and organization folders from GitHub. Maintained by CloudBees, Inc.

[2.5.8](http://mx.com.smi.services:30301/pluginManager/plugin/github-branch-source/thirdPartyLicenses)

Principio del formulario



Final del formulario



[GitHub plugin](https://plugins.jenkins.io/github)

This plugin integrates [GitHub](http://github.com/) to Jenkins.

[1.29.5](http://mx.com.smi.services:30301/pluginManager/plugin/github/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Google OAuth Credentials plugin](https://plugins.jenkins.io/google-oauth-plugin)

This plugin implements the OAuth Credentials interfaces to surface Google Service Account credentials to Jenkins.

[1.0.0](http://mx.com.smi.services:30301/pluginManager/plugin/google-oauth-plugin/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Gradle Plugin](https://plugins.jenkins.io/gradle)

This plugin allows Jenkins to invoke [Gradle](http://www.gradle.org/) build scripts directly.

[1.36](http://mx.com.smi.services:30301/pluginManager/plugin/gradle/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Jackson 2 API Plugin](https://plugins.jenkins.io/jackson2-api)

This plugin exposes the Jackson 2 JSON APIs to other Jenkins plugins.

[2.10.2](http://mx.com.smi.services:30301/pluginManager/plugin/jackson2-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Javadoc Plugin](https://plugins.jenkins.io/javadoc)

[1.5](http://mx.com.smi.services:30301/pluginManager/plugin/javadoc/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JavaScript GUI Lib: ACE Editor bundle plugin](https://plugins.jenkins.io/ace-editor)

JavaScript GUI Lib: ACE Editor bundle plugin.

[1.1](http://mx.com.smi.services:30301/pluginManager/plugin/ace-editor/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JavaScript GUI Lib: Handlebars bundle plugin](https://plugins.jenkins.io/handlebars)

JavaScript GUI Lib: Handlebars bundle plugin.

[1.1.1](http://mx.com.smi.services:30301/pluginManager/plugin/handlebars/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JavaScript GUI Lib: jQuery bundles (jQuery and jQuery UI) plugin](https://plugins.jenkins.io/jquery-detached)

JavaScript GUI Lib: jQuery bundles (jQuery and jQuery UI) plugin.

[1.2.1](http://mx.com.smi.services:30301/pluginManager/plugin/jquery-detached/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JavaScript GUI Lib: Moment.js bundle plugin](https://plugins.jenkins.io/momentjs)

JavaScript GUI Lib: Moment.js bundle plugin.

[1.1.1](http://mx.com.smi.services:30301/pluginManager/plugin/momentjs/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Job DSL](https://plugins.jenkins.io/job-dsl)

This plugin allows Jobs and Views to be defined via DSLs

[1.76](http://mx.com.smi.services:30301/pluginManager/plugin/job-dsl/thirdPartyLicenses)

Principio del formulario



Final del formulario



[jQuery plugin](https://plugins.jenkins.io/jquery)

This plugin provides an stable version of jQuery Javascript Library

[1.12.4-1](http://mx.com.smi.services:30301/pluginManager/plugin/jquery/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JSch dependency plugin](https://plugins.jenkins.io/jsch)

Jenkins plugin that brings the JSch library as a plugin dependency, and provides an SSHAuthenticatorFactory for using JSch with the ssh-credentials plugin.

[0.1.55.1](http://mx.com.smi.services:30301/pluginManager/plugin/jsch/thirdPartyLicenses)

Principio del formulario



Final del formulario



[JUnit Plugin](https://plugins.jenkins.io/junit)

Allows JUnit-format test results to be published.

[1.28](http://mx.com.smi.services:30301/pluginManager/plugin/junit/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Kubernetes Cli Plugin](https://plugins.jenkins.io/kubernetes-cli)

Configure kubectl for Kubernetes

[1.7.0](http://mx.com.smi.services:30301/pluginManager/plugin/kubernetes-cli/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Kubernetes Client API Plugin](https://plugins.jenkins.io/kubernetes-client-api)

Kubernetes Client API plugin for use by other Jenkins plugins.

[4.6.4-2](http://mx.com.smi.services:30301/pluginManager/plugin/kubernetes-client-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Kubernetes Continuous Deploy Plugin](https://plugins.jenkins.io/kubernetes-cd)

A Jenkins plugin to deploy configurations to Kubernetes cluster.

[2.3.0](http://mx.com.smi.services:30301/pluginManager/plugin/kubernetes-cd/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Kubernetes Credentials Plugin](https://plugins.jenkins.io/kubernetes-credentials)

Common classes for Kubernetes credentials

[0.5.0](http://mx.com.smi.services:30301/pluginManager/plugin/kubernetes-credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Kubernetes Credentials Provider](https://plugins.jenkins.io/kubernetes-credentials-provider)

Provides a credentials store backed by Kubernetes.

[0.13](http://mx.com.smi.services:30301/pluginManager/plugin/kubernetes-credentials-provider/thirdPartyLicenses)

Principio del formulario



Final del formulario



[LDAP Plugin](https://plugins.jenkins.io/ldap)

Adds LDAP authentication to Jenkins

[1.21](http://mx.com.smi.services:30301/pluginManager/plugin/ldap/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Locale plugin](https://plugins.jenkins.io/locale)

This plugin lets you control the language of Jenkins.

[1.4](http://mx.com.smi.services:30301/pluginManager/plugin/locale/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Lockable Resources plugin](https://plugins.jenkins.io/lockable-resources)

This plugin allows to define external resources (such as printers, phones, computers) that can be locked by builds. If a build requires an external resource which is already locked, it will wait for the resource to be free.

[2.7](http://mx.com.smi.services:30301/pluginManager/plugin/lockable-resources/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Mailer Plugin](https://plugins.jenkins.io/mailer)

This plugin allows you to configure email notifications for build results

[1.29](http://mx.com.smi.services:30301/pluginManager/plugin/mailer/thirdPartyLicenses)

Principio del formulario



Final del formulario



[MapDB API Plugin](https://plugins.jenkins.io/mapdb-api)

This plugin provides a shared dependency on the [MapDB](http://www.mapdb.org/) library so that other plugins can co-operate when using this library.

[1.0.9.0](http://mx.com.smi.services:30301/pluginManager/plugin/mapdb-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Matrix Authorization Strategy Plugin](https://plugins.jenkins.io/matrix-auth)

Offers matrix-based security authorization strategies (global and per-project).

[2.5](http://mx.com.smi.services:30301/pluginManager/plugin/matrix-auth/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Matrix Project Plugin](https://plugins.jenkins.io/matrix-project)

Multi-configuration (matrix) project type.

[1.14](http://mx.com.smi.services:30301/pluginManager/plugin/matrix-project/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Maven Integration plugin](https://plugins.jenkins.io/maven-plugin)

This plug-in provides, for better and for worse, a deep integration of Jenkins and Maven: Automatic triggers between projects depending on SNAPSHOTs, automated configuration of various Jenkins publishers (Junit, ...).

[3.4](http://mx.com.smi.services:30301/pluginManager/plugin/maven-plugin/thirdPartyLicenses)

Principio del formulario



Final del formulario



[NodeJS Plugin](https://plugins.jenkins.io/nodejs)

NodeJS Plugin executes [NodeJS](http://nodejs.org/) script as a build step.

[1.3.4](http://mx.com.smi.services:30301/pluginManager/plugin/nodejs/thirdPartyLicenses)

Principio del formulario



Final del formulario



[OAuth Credentials plugin](https://plugins.jenkins.io/oauth-credentials)

This plugin provides interfaces for OAuth credentials in Jenkins.

[0.4](http://mx.com.smi.services:30301/pluginManager/plugin/oauth-credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Oracle Java SE Development Kit Installer Plugin](https://plugins.jenkins.io/jdk-tool)

Allows the Oracle Java SE Development Kit (JDK) to be installed via download from Oracle's website.

[1.4](http://mx.com.smi.services:30301/pluginManager/plugin/jdk-tool/thirdPartyLicenses)

Principio del formulario



Final del formulario



[OWASP Markup Formatter Plugin](https://plugins.jenkins.io/antisamy-markup-formatter)

Uses the [OWASP Java HTML Sanitizer](https://www.owasp.org/index.php/OWASP_Java_HTML_Sanitizer_Project) to allow safe-seeming HTML markup to be entered in project descriptions and the like.

[1.6](http://mx.com.smi.services:30301/pluginManager/plugin/antisamy-markup-formatter/thirdPartyLicenses)

Principio del formulario



Final del formulario



[PAM Authentication plugin](https://plugins.jenkins.io/pam-auth)

Adds Unix Pluggable Authentication Module (PAM) support to Jenkins

[1.6](http://mx.com.smi.services:30301/pluginManager/plugin/pam-auth/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Parameterized Trigger plugin](https://plugins.jenkins.io/parameterized-trigger)

[2.36](http://mx.com.smi.services:30301/pluginManager/plugin/parameterized-trigger/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline](https://plugins.jenkins.io/workflow-aggregator)

A suite of plugins that lets you orchestrate automation, simple or complex. See [Pipeline as Code with Jenkins](http://jenkins-ci.org/solutions/pipeline/) for more details.

[2.6](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-aggregator/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline Graph Analysis Plugin](https://plugins.jenkins.io/pipeline-graph-analysis)

Provides a REST API to access pipeline and pipeline run data.

[1.10](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-graph-analysis/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: API](https://plugins.jenkins.io/workflow-api)

Plugin that defines Pipeline API.

[2.38](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Basic Steps](https://plugins.jenkins.io/workflow-basic-steps)

Commonly used steps for Pipelines.

[2.19](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-basic-steps/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Build Step](https://plugins.jenkins.io/pipeline-build-step)

Adds the Pipeline step build to trigger builds of other jobs.

[2.11](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-build-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Declarative](https://plugins.jenkins.io/pipeline-model-definition)

An opinionated, declarative Pipeline.

[1.5.0](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-model-definition/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Declarative Agent API](https://plugins.jenkins.io/pipeline-model-declarative-agent)

Replaced by Pipeline: Declarative Extension Points API plugin.

[1.1.1](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-model-declarative-agent/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Declarative Extension Points API](https://plugins.jenkins.io/pipeline-model-extensions)

APIs for extension points used in Declarative Pipelines.

[1.5.0](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-model-extensions/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: GitHub Groovy Libraries](https://plugins.jenkins.io/pipeline-github-lib)

Allows Pipeline Grrovy libraries to be loaded on the fly from GitHub.

[1.0](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-github-lib/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Groovy](https://plugins.jenkins.io/workflow-cps)

Pipeline execution engine based on continuation passing style transformation of Groovy scripts.

[2.78](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-cps/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Input Step](https://plugins.jenkins.io/pipeline-input-step)

Adds the Pipeline step input to wait for human input or approval.

[2.11](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-input-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Job](https://plugins.jenkins.io/workflow-job)

Defines a new job type for pipelines and provides their generic user interface.

[2.36](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-job/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Milestone Step](https://plugins.jenkins.io/pipeline-milestone-step)

Plugin that provides the milestone step

[1.3.1](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-milestone-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Model API](https://plugins.jenkins.io/pipeline-model-api)

Model API for Declarative Pipeline.

[1.5.0](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-model-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Multibranch](https://plugins.jenkins.io/workflow-multibranch)

Enhances Pipeline plugin to handle branches better by automatically grouping builds from different branches.

[2.21](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-multibranch/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Nodes and Processes](https://plugins.jenkins.io/workflow-durable-task-step)

Pipeline steps locking agents and workspaces, and running external processes that may survive a Jenkins restart or slave reconnection.

[2.35](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-durable-task-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: REST API Plugin](https://plugins.jenkins.io/pipeline-rest-api)

Provides a REST API to access pipeline and pipeline run data.

[2.12](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-rest-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: SCM Step](https://plugins.jenkins.io/workflow-scm-step)

Adds a Pipeline step to check out or update working sources from various SCMs (version control).

[2.9](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-scm-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Shared Groovy Libraries](https://plugins.jenkins.io/workflow-cps-global-lib)

Shared libraries for Pipeline scripts.

[2.15](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-cps-global-lib/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Stage Step](https://plugins.jenkins.io/pipeline-stage-step)

Adds the Pipeline step stage to delineate portions of a build.

[2.3](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-stage-step/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Stage Tags Metadata](https://plugins.jenkins.io/pipeline-stage-tags-metadata)

Library plugin for Pipeline stage tag metadata.

[1.5.0](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-stage-tags-metadata/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Stage View Plugin](https://plugins.jenkins.io/pipeline-stage-view)

Pipeline Stage View Plugin.

[2.12](http://mx.com.smi.services:30301/pluginManager/plugin/pipeline-stage-view/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Step API](https://plugins.jenkins.io/workflow-step-api)

API for asynchronous build step primitive.

[2.22](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-step-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Pipeline: Supporting APIs](https://plugins.jenkins.io/workflow-support)

Common utility implementations to build Pipeline Plugin

[3.3](http://mx.com.smi.services:30301/pluginManager/plugin/workflow-support/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Plain Credentials Plugin](https://plugins.jenkins.io/plain-credentials)

Allows use of plain strings and files as credentials.

[1.5](http://mx.com.smi.services:30301/pluginManager/plugin/plain-credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Resource Disposer Plugin](https://plugins.jenkins.io/resource-disposer)

Dispose resources asynchronously. Utility plugin for resources that require more retries or take a long time to delete.

[0.14](http://mx.com.smi.services:30301/pluginManager/plugin/resource-disposer/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Run Condition Plugin](https://plugins.jenkins.io/run-condition)

Define conditions for the execution of build steps

[1.2](http://mx.com.smi.services:30301/pluginManager/plugin/run-condition/thirdPartyLicenses)

Principio del formulario



Final del formulario



[SCM API Plugin](https://plugins.jenkins.io/scm-api)

This plugin provides a new enhanced API for interacting with SCM systems.

[2.6.3](http://mx.com.smi.services:30301/pluginManager/plugin/scm-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Script Security Plugin](https://plugins.jenkins.io/script-security)

Allows Jenkins administrators to control what in-process scripts can be run by less-privileged users.

[1.68](http://mx.com.smi.services:30301/pluginManager/plugin/script-security/thirdPartyLicenses)

Principio del formulario



Final del formulario



[SSH Credentials Plugin](https://plugins.jenkins.io/ssh-credentials)

Allows storage of SSH credentials in Jenkins

[1.18](http://mx.com.smi.services:30301/pluginManager/plugin/ssh-credentials/thirdPartyLicenses)

Principio del formulario



Final del formulario



[SSH Slaves plugin](https://plugins.jenkins.io/ssh-slaves)

Allows to launch agents over SSH, using a Java implementation of the SSH protocol.

[1.31.0](http://mx.com.smi.services:30301/pluginManager/plugin/ssh-slaves/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Structs Plugin](https://plugins.jenkins.io/structs)

Library plugin for DSL plugins that need names for Jenkins objects.

[1.20](http://mx.com.smi.services:30301/pluginManager/plugin/structs/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Subversion Plug-in](https://plugins.jenkins.io/subversion)

[2.13.0](http://mx.com.smi.services:30301/pluginManager/plugin/subversion/thirdPartyLicenses)

Principio del formulario



Final del formulario



[ThinBackup](https://plugins.jenkins.io/thinBackup)

Backups the most important global and job specific configuration files.

[1.9](http://mx.com.smi.services:30301/pluginManager/plugin/thinBackup/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Timestamper](https://plugins.jenkins.io/timestamper)

Adds timestamps to the Console Output

[1.10](http://mx.com.smi.services:30301/pluginManager/plugin/timestamper/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Token Macro Plugin](https://plugins.jenkins.io/token-macro)

This plug-in adds reusable macro expansion capability for other plug-ins to use.

[2.10](http://mx.com.smi.services:30301/pluginManager/plugin/token-macro/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Trilead API Plugin](https://plugins.jenkins.io/trilead-api)

Trilead API Plugin provides the Trilead library to any dependent plugins in an easily update-able manner.

[1.0.5](http://mx.com.smi.services:30301/pluginManager/plugin/trilead-api/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Variant Plugin](https://plugins.jenkins.io/variant)

This user-invisible library plugin allows other multi-modal plugins to behave differently depending on where they run.

[1.3](http://mx.com.smi.services:30301/pluginManager/plugin/variant/thirdPartyLicenses)

Principio del formulario



Final del formulario



[WMI Windows Agents Plugin](https://plugins.jenkins.io/windows-slaves)

Allows you to setup agents on Windows machines over Windows Management Instrumentation (WMI)

[1.6](http://mx.com.smi.services:30301/pluginManager/plugin/windows-slaves/thirdPartyLicenses)

Principio del formulario



Final del formulario



[Workspace Cleanup Plugin](https://plugins.jenkins.io/ws-cleanup)

This plugin deletes the project workspace when invoked.

* [0.38](http://mx.com.smi.services:30301/pluginManager/plugin/ws-cleanup/thirdPartyLicenses)

<http://mx.com.smi.services:30301/restart>

en global tool configuration

add nodejs, last version

Configure locale a en\_US

Check box, ignore browser preferences

Restart

Add credential item to Jenkins

docker-hub-credentials

to connect to github