

# Maven build system

Fedora and external module projects use [Maven3](#) as the build system. See also: [Guide for New Developers](#)

## Dynamic build properties

Integration tests use [Build Helper Maven Plugin](#) to dynamically generate configuration properties. This is used to automatically detect and configure unused ports for several server components. All dynamically generated properties should have the word "dynamic" in their name.

### Example usage

```
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>build-helper-maven-plugin</artifactId>
  <configuration>
    <portNames>
      <portName>fcrepo.dynamic.test.port</portName>
      <portName>fcrepo.dynamic.jms.port</portName>
      <portName>fcrepo.dynamic.stomp.port</portName>
      <portName>jetty.dynamic.stop.port</portName>
    </portNames>
  </configuration>
</plugin>
```

Properties defined here will be not defined in the <properties> section of the POMs. See:

Unable to locate Jira server for this macro. It may be due to Application Link configuration.