

Bamboo FAQ

For questions not specific to the Developer Cloud instance of Bamboo, check out Atlassian's Bamboo documentation [here](#).

How do I create a new plan?

There are two ways a new plan can be created: by making it from scratch or by cloning an existing plan. Both of these can be done by creating a request in ServiceNow. You can request a plan be created from [here](#), or request a plan be cloned from [here](#). A plan can be cloned from anywhere, not just from the same project you are cloning it into!

If you don't have a project for the plan to be created in yet, you can also request a new Bamboo project from [here](#).

How can I use Bamboo to parallelize my builds?

You can move different tasks into Stages. On a Plan, Stages are executed sequentially. However, within a single Stage, all Jobs can be executed in parallel.

For example, a Stage such as "Compile All Modules" you might have multiple Jobs such as "Compile Module 1", "Compile Module 2", etc., where each Job performs a similar, yet separate unit of work. These jobs within that Stage are executed in parallel on multiple remote agents, assuming your Job's capabilities match those of an agent.

For more details see Atlassian's documentation on Bamboo Stages : <https://confluence.atlassian.com/display/BAMBOO/stage>

What are Artifacts and how do I configure them?

Artifacts are the generated files that are typically created during a build in Bamboo such as ZIP, WAR, JAR, EXE files, etc. You can define multiple artifacts for a plan which are then specially flagged on a tab in the project and build for easy viewing and downloading. Additionally you can generate documentation, Javadoc, static analysis reports, and more and specify the top-level page as an artifact and it is also viewable on the Artifacts section of your plan. See the Atlassian Bamboo documentation on artifacts for more information : <https://confluence.atlassian.com/display/BAMBOO/Configuring+a+job%27s+build+artifacts>

Additionally, for sharing artifacts between Jobs, see <https://confluence.atlassian.com/display/BAMBOO/Configuring+artifact+sharing+between+jobs>

What build capabilities are currently supported for the Bamboo Remote Agents (build servers)?

See our official list of supported build tools/frameworks/kits/etc. : [Bamboo Build Server Capabilities](#)

See which software and which versions on each of DevCloud's Remote Agents: [Bamboo DevCloud Remote Agent Capabilities](#)

Why would I want to use my own remote agent instead a DevCloud remote agent?

You may consider using your own remote agent that runs on YOUR own hardware in several cases such as:

- Your build generates excessively large artifacts and utilizes too much disk space
- You have an existing build server that is specially customized for your build and reproducing it with specific packages, patches, installers in a shared environment would be difficult.
- You have very specific versions on an operating system you need the build to run on

How do I get started installing and using my own Remote Agent?

See this guide the DevCloud team has put together : [Bamboo Agent Installation and Operation](#)

How do I Use Clover in Bamboo?

Even though the Bamboo plan configuration screen has a check box named "Automatic Clover Integration", you still need to modify your build file to use it. On the current Bamboo Agent servers, we have set an environment variable to point to the clover.jar file needed to make it work with Ant and/or Maven.

An example Clover setup for Ant is :

```
<property environment="env"/>
```

```
<property name="clover.jar" location="${env.CLOVER_HOME}/lib/clover.jar"/>
```

```
<taskdef resource="cloverlib.xml" classpath="${clover.jar}"/>
```

See "Using Bamboo with Clover" : <http://confluence.atlassian.com/display/BAMBOO/Using+Bamboo+with+Clover>

See the general Clover documentation : <https://confluence.atlassian.com/display/CLOVER/Clover+Documentation+Home>

Bamboo tells me "No agents meet the Job's requirements."

You will need to go to each task in your plan and view the Configuration tab. First confirm that for each capability there are matching agents, the far right column has a number in it. If there are matching agents for each capability then you should look at what agents are providing each capability. It is possible that the agents who are providing you Maven 2.2.1 capability cannot provide your JDK 1.6.0_20 capability. Select each capability, into a new tab or window, to see which agents are providing each capability. You may need to loosen your restrictions.

How can I request support for a CheckMarx Account?

The CheckMarx Account is owned by IT Risk Tools team. They can provide support for you.

More information at IT Risk tools home: <https://devcloud.swcoe.ge.com/devspace/display/IRT>

Why can't I connect to my Git repository from Bamboo?

You will need to make your repo public, and use GIT or SSH protocol.

How much does Bamboo cost?

Please find pricing for all build.GE (DevCloud) services here: <https://portal.devcloud.sw.ge.com/about-us/pricing/>