

## Packages - Freedom Issue #2598

### [bazel] build downloads binary dependencies

2020-01-13 06:38 AM - oaken-source

<b>Status:</b>	confirmed	<b>% Done:</b>	0%
<b>Priority:</b>	freedom issue		
<b>Assignee:</b>			
<b>Category:</b>			
<b>Description</b>			
bazel as built by arch fails to build in a chroot with network restrictions:			
<pre>  INFO: Call stack for the definition of repository 'bazel_toolchains' which is a http_archive ( rule definition at /build/.cache/bazel/_bazel_builduser/a4f1468c4e2f1b82eb46413b289a7c6e/external/ bazel_tools/tools/build_defs/repo/http.bzl:292:16):     - /build/bazel/src/WORKSPACE:387:1   WARNING: Download from https://mirror.bazel.build/github.com/bazelbuild/bazel-toolchains/archi ve/0.28.3.tar.gz failed: class com.google.devtools.build.lib.bazel.repository.downloader.Unrecover ableHttpException Unknown host: mirror.bazel.build   WARNING: Download from https://github.com/bazelbuild/bazel-toolchains/archive/0.28.3.tar.gz fa iled: class com.google.devtools.build.lib.bazel.repository.downloader.UnrecoverableHttpException U nknown host: github.com   ERROR: An error occurred during the fetch of repository 'bazel_toolchains':     java.io.IOException: Error downloading [https://mirror.bazel.build/github.com/bazelbuild/ba zel-toolchains/archive/0.28.3.tar.gz, https://github.com/bazelbuild/bazel-toolchains/archive/0.28. 3.tar.gz] to /build/.cache/bazel/_bazel_builduser/a4f1468c4e2f1b82eb46413b289a7c6e/external/bazel_ toolchains/0.28.3.tar.gz: Unknown host: github.com   ERROR: no such package '@bazel_toolchains//rules': java.io.IOException: Error downloading [htt ps://mirror.bazel.build/github.com/bazelbuild/bazel-toolchains/archive/0.28.3.tar.gz, https://gith ub.com/bazelbuild/bazel-toolchains/archive/0.28.3.tar.gz] to /build/.cache/bazel/_bazel_builduser/ a4f1468c4e2f1b82eb46413b289a7c6e/external/bazel_toolchains/0.28.3.tar.gz: Unknown host: github.com   ERROR: no such package '@bazel_toolchains//rules': java.io.IOException: Error downloading [htt ps://mirror.bazel.build/github.com/bazelbuild/bazel-toolchains/archive/0.28.3.tar.gz, https://gith ub.com/bazelbuild/bazel-toolchains/archive/0.28.3.tar.gz] to /build/.cache/bazel/_bazel_builduser/ a4f1468c4e2f1b82eb46413b289a7c6e/external/bazel_toolchains/0.28.3.tar.gz: Unknown host: github.com   INFO: Elapsed time: 8.917s   INFO: 0 processes.   FAILED: Build did NOT complete successfully (0 packages loaded)   FAILED: Build did NOT complete successfully (0 packages loaded)   ==&gt; ERROR: A failure occurred in build().</pre>			
<b>Related issues:</b>			
Blocks Packages - Packaging Request #2599: [tensorflow] depends on non-free b...		<a href="#">open</a>	

### History

#### #1 - 2020-01-13 06:58 AM - oaken-source

- *Blocks Packaging Request #2599: [tensorflow] depends on non-free bazel added*

#### #2 - 2021-10-12 04:16 AM - nona

[Insult to injury](#)

There is a single, architecture-independent distribution archive. There are no architecture-specific or OS-specific distribution archives.

These sources are not the same as the GitHub source tree. You have to use the distribution archive to bootstrap Bazel. You cannot use a source tree cloned from GitHub. (The distribution archive contains generated source files that are required for bootstrapping and are not part of the normal Git source tree.)

[Workaround?](#) (from [here](#) ; does it mean that we'll end up with duplicated libraries? is there a way to use system's libs?)