

# WorkingWithGoraSnapshots

## Working With Gora Snapshots

Apache Gora is released as source code **only** (as oppose to both binary and source) due to changing user requirements and the fact that code may need to be compiled and recompiled in an ad-hoc fashion. This however poses a bit of a problem for Nutch'ers when they need to go and get the code as they may need to work with Gora SNAPSHOT's.

For an official account of how to work with Gora SNAPSHOT's in your projects please consult the [Gora Quickstart Guide](#)

Since [NUTCH-1696](#) was committed it is a piece of cake to work with Gora SNAPSHOT's within Nutch 2.x. Simply read the following

1. Open \$NUTCH\_HOME/ivy/ivy.xml and look for the Gora dependencies
2. Change the dependency configuration from this

```
<dependency org="org.apache.gora" name="gora-core" rev="0.3" conf="*->default"/>
```

to this

```
<dependency org="org.apache.gora" name="gora-core" rev="0.4-SNAPSHOT" conf="*->default" changing="true"/>
```

You'll now be able to work with Gora SNAPSHOT's.

**N.B.** It should be noted that from time to time Avro schema's may change and require re-compilation of persistent classes. This is OK, simply run `* ant generate-gora-src*` from \$NUTCH\_HOME and watch the [GoraCompiler](#) do it's work.

See below for an additional schema resource.

[0] <https://issues.apache.org/jira/secure/attachment/12559893/webpage.avsc>