

Creating Hashes

How to create hashes using Ant

The following code sample shows a target that can be used to create MD5 and SHA1 hashes for any path.

Note that SHA1 hashes should be named .sha, not .sha1 - see <http://www.apache.org/dev/release-signing.html#policy>

```
<!--
  Utility Ant target to create MD5 and SHA1 checksums in standard format (with *filename)
  Usage:
  <antcall target="_checksum">
    <param name="path" value="filename_src.zip"/>
  </antcall>
-->
<target name="_checksum">
  <echo message="Creating MD5 hash for ${path}"/>
  <basename property="_base" file="${path}"/>
  <checksum file="${path}" property="md5"/>
  <echo message="${md5} *${_base}" file="${path}.md5"/>

  <echo message="Creating SHA1 hash for ${path}"/>
  <basename property="_base" file="${path}"/>
  <checksum file="${path}" property="sha1" algorithm="SHA"/>
  <!-- the * should be replaced with space for non-binary files-->
  <echo message="${sha1} *${_base}" file="${path}.sha"/>
</target>
```