

**git\_comments:**

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**git\_commits:**

1. **summary:** [LANG-1201] Add a TimeUnit-like classes for base 2 and base 10 digital  
**message:** [LANG-1201] Add a TimeUnit-like classes for base 2 and base 10 digital conversions (bits, bytes, KB, MB, and so on). Forgot to commit those.

**github\_issues:****github\_issues\_comments:****github\_pulls:****github\_pulls\_comments:****github\_pulls\_reviews:****jira\_issues:**

1. **summary:** Add a TimeUnit-like classes for base 2 and base 10 digital conversions (bits, bytes, KB, MB, and so on)  
**description:** Add a TimeUnit-like class for digital conversions (bits, bytes, KB, MB, and so on)

**jira\_issues\_comments:**

1. Add {{DigitalBase2SizeUnit}} and {{DigitalBase10SizeUnit}}.
2. Hi Gary, I have written something similar for Maven Embedder recently: <https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob;f=maven-embedder/src/main/java/org/apache/maven/cli/transfer/AbstractMavenTransferListener.java;h=e72aa47d8ec3fe147ebbb74ce921d9484a85adb;hb=HEAD#l50>
3. Interesting, thanks for the pointer. Note that I made a point of following the patter set in the JRE's own {{TimeUnit}}.
4. My implementation leans partially on the {{TimeUnit}} but adapted for the usecase. Feel free to nag me if you need someone who evaluates your ideas.
5. Has this been completed with commit 04e52eb6155b3cbf5fffc0d52689a3f679e40b19?
6. **body:** Definitely not for me. There are several errors in the implementation and I see to no reason to split. One can simply have them in one {{enum}} {{SizeUnit}} and SI prefixes and IEC prefixes. Additionally, this class encourages bad and misleading naming of units. It needs a redesign.  
**label:** code-design
7. Is this something that has to be fixed before the 3.5 release?
8. These classes deserve a complete redesign. I would rather move this commit to a branch until it properly fixed for general use.
9. Moving this issue to 3.6 for further discussion.
10. Reverted this for now in commit 8d682a6aa32964811e971f58e36b418605ba4233. Run {{git revert 8d682a6aa32964811e971f58e36b418605ba4233}} to restore the code for polishing after 3.5 has been released.