

Item 342

**git\_comments:**

**git\_commits:**

1. **summary:** ACCUMULO-4067 Avoid repeatedly fetching the NetUtils#getInputStream method.  
**message:** ACCUMULO-4067 Avoid repeatedly fetching the NetUtils#getInputStream method.

**github\_issues:**

**github\_issues\_comments:**

**github\_pulls:**

**github\_pulls\_comments:**

**github\_pulls\_reviews:**

**jira\_issues:**

1. **summary:** TTimeoutTransport repeatedly uses reflection to obtain method  
**description:** Noticed the following in TTimeoutTransport while looking at ACCUMULO-4065: {code} private static InputStream getInputStream(Socket socket, long timeout) { try { Method m = NetUtils.class.getMethod("getInputStream", Socket.class, Long.TYPE); return (InputStream) m.invoke(null, socket, timeout); } catch (Exception e) { throw new RuntimeException(e); } } {code} We should really just invoke {{getMethod}} once and cache the {{Method}} instance instead of repeatedly getting it every time we create a new connection (which is often). Not sure if this is a "hot" enough code path to have a noticeable performance impact, but it should be good to fix regardless.  
**label:** code-design
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**jira\_issues\_comments:**

1. **body:** Reduce down to major after a quick microbenchmark showed getMethod only taking about .5millis. Not going to be a big performance hit :)  
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