Morpho - Bug #574

l--o--n--g timeout for unsuccessful network ping on Linux

08/23/2002 05:30 PM - Matthew Brooke

Status:	In Progress		**Start date:**	08/23/2002
Priority:	Normal		**Due date:**	
Assignee:	Dan Higgins		**% Done:**	0%
Category:	morpho - general		**Estimated time:**	0.00 hour
Target version:	Postpone		**Spent time:**	0.00 hour
Bugzilla-Id:	574			

Description

Tried starting Morpho on a Linux machine (a) with with IPChains blocking connections, and (b) with IPChains not running, but with the network cable unplugged.

When Morpho starts up, and it reaches the "Determining network status" point (line 1461 in Morpho.java - in the startPing() method) - it takes a **very** long time for the code to finally "decide" that it can't contact Metacat, and pop up the corresponding dialog box; **much** longer than it does on Windows.

With the network cable unplugged, it times out in around 1 minute. With IPChains running, it takes around 6 minutes to time out. (To the average user, who probably wouldn't wait long enough to see what was happening, these would probably look like a hang)

2 ideas:

1) Maybe there's a "timeout" setting for the URL.connect() method, which is platform-specific (since it's not a problem on windows) - and maybe there's some way of setting it to a shorter value for Linux?

2) Maybe we could kick off our own timer when we start doing the ping, and if it doesn't return within a predetermined time, we could assume the network isn't available?

History

#1 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 574