Item 165
git_comments:

1. * * Constructor with host, name, offset, length and corrupt flag
2. * * Constructor with host, name, network topology, offset, length * and corrupt flag
3. * * Set the corrupt flag.
4. * * Get the corrupt flag.

git_commits:

1. **summary:** commit 8cd52ca083d83a7ea14fc899a9c1c2d2cde15e14
   message: commit 8cd52ca083d83a7ea14fc899a9c1c2d2cde15e14 Author: Hairong Kuang
   <hairong@apache.org> Date: Wed Nov 17 05:29:00 2010 +0000 HADOOP-7013. Add boolean field
   isCorrupt to BlockLocation. Contributed by Patrick Kling. git-svn-id:
   https://svn.apache.org/repos/asf/hadoop/common/trunk@1035923 13f79535-47bb-0310-9956-
   ffa450edef68 git-svn-id: https://svn.apache.org/repos/asf/hadoop/common/branches/yahoo-
   merge@1079134 13f79535-47bb-0310-9956-ffa450edef68

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Add boolean field isCorrupt to BlockLocation
   description: This is needed to allow DFSClient.getBlockLocations to notify the calling application when
   returning a BlockLocation that corresponds to a corrupt block. Currently, this happens when there are no
   uncorrupted replicas of a requested block.

jira_issues_comments:

1. Review board: https://reviews.apache.org/r/26/
2. **body:** The patch looks good except for an incompatible change. BlockLocation is not used in any wire-
   protocol, but for some reason it is Writable. So if by any chance somebody serialize this object in a file
   etc, then this patch makes it incompatible. I would suggest that this patch does not change the
   serialization format. Since Hadoop does not use it over the wire, it won't do any harm.
   label: code-design
3. On a second thought, Hadoop does not have a story for Writable backward compatibility yet. So this
   patch does not need to take care of this either. Instead we could simply mark this jira as incompatible. So
   a +1 from me.
4. ant test-path results: {code} [exec] -1 overall. [exec] [exec] +1 @author. The patch does not contain any
   @author tags. [exec] [exec] -1 tests included. The patch doesn't appear to include any new or modified
   tests. [exec] Please justify why no new tests are needed for this patch. [exec] Also please list what manual
   steps were performed to verify this patch. [exec] [exec] +1 javadoc. The javadoc tool did not generate any
   warning messages. [exec] [exec] +1 javac. The applied patch does not increase the total number of javac
   compiler warnings. [exec] [exec] -1 findbugs. The patch appears to introduce 2 new Findbugs warnings.
   [exec] [exec] +1 release audit. The applied patch does not increase the total number of release audit
   warnings. [exec] [exec] +1 system test framework. The patch passed system test framework compile.
   {code} Tests are included with HDFS-1483. The findbugs warning are not caused by this patch (see
   MAPREDUCE-2172 for details).
5. +1 Patch looks good to me.
6. I've just committed this. Thanks, Patrick!
7. Integrated in Hadoop-Common-trunk-Commit #428 (See [https://hudson.apache.org/hudson/job/Hadoop-
   Common-trunk-Commit/428/]) HADOOP-7013. Add boolean field isCorrupt to BlockLocation.

Contributed by Patrick Kling.

8. Integrated in Hadoop-Common-trunk #515 (See [https://hudson.apache.org/hudson/job/Hadoop-Common-trunk/515/]) HADOOP-7013. Add boolean field isCorrupt to BlockLocation. Contributed by Patrick Kling.