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# Hadoop Distributed File System

Consider the following file. The file is stored in block zip format. Each block starts with the unique signature BZ2. The file is split into three parts so that it can be parsed in parallel. On this file, mark the first and last lines processed by processing each of the three splits.

The image displays a pattern of labels "BZ2" on a background of a dotted grid. The labels are arranged in several horizontal rows. The first row contains a single "BZ2" label. The second row contains two "BZ2" labels. The third row contains three "BZ2" labels. This pattern continues through several more rows, with each subsequent row containing one more "BZ2" label than the previous one. The labels are positioned such that they overlap slightly with each other and with the grid lines. The overall effect is a repeating, staggered pattern of the word "BZ2".