Parallel functional programming on cluster *

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Functional programming is very suitable for expressing parallelism. Nowadays
is very widespread the use of PC clusters for testing and developing parallel ap-
lications. Building such clusters allows for a larger usergroup to experiment the
parallel issues of different problems.

Functional programming is very suitable for expressing parallelism. We would
like to test and to verify how the functional programming fits into the parallel
programming framework offered by a cluster. A special field of the functional pro-
gramming will be studied, the theme of skeletons, which suits very well to the
parallel functional programming.

It is important to see the behaviour of the skeletons on the GRID of the 20 PC
computers, because this test helps in enforcing the parallelism in the functional pro-
gramming style. Less work was done yet for adapting the functional programming
to the possibilities offered by clusters, thus this topic provides many opportunities
for studying parallelism.

References
[2] Servaes, P.R.: Communication Issues in Distributed Functional Computing, PhD

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