# GPars - Groovy Parallel Systems

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# Table of Contents

# Process Networks: Build It Like Lego

One of the main advantages of the **CSP** based approach we are using is that processes can be combined using a simple compositional style. It is very much what you see is what you get!

In arithmetic, the meaning of the composition `1 + 2 + 3` is immediately obvious and results in the answer 6. The composition of processes is equally simple and obvious.

Thus, we can build a set of basic building block processes, like Lego bricks, from which we can construct larger systems. The meaning of this will be obvious, given our understanding of the basic processes.

All of the building block processes are to be found in the `package org.jcsp.groovy.plugAndPlay`. A more detailed discussion of these processes can be found in `Appendix 4`.

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