Structured Interacting Computations
(A position paper)*

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Abstract. Today, concurrency is ubiquitous, in desktop applications, client-server systems, workflow systems, transaction processing and web

As described above, our sites are quite general. They need not be just functions in a mathematical sense. A site may return different values at different times. A site could also possibly change the state of some system (imagine buying an airline ticket online; the site that implements this procedure changes the airline's database). A site need not be sequential code (consider an internet search engine). By permitting a very general definition of site, we expect to uti-

values published by all instances of g are the ones published by $f >x> g$, (3) asymmetric composition (also called *pull*), written as $f <x< g$, which evaluates f and g independently, but the site calls in f

BuildChannel >*c*> *f* >*x*> (*c.put*(*x*) | *c.get* >*x*> *g*)