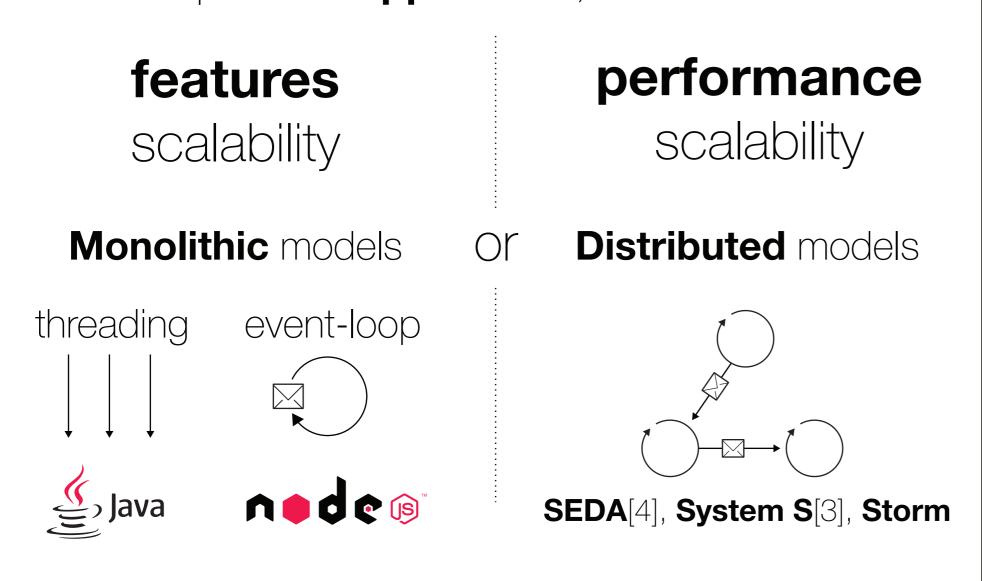
A compiler providing incremental scalability for web application

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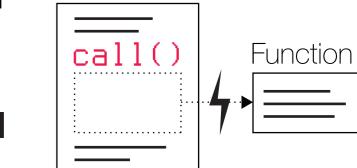
To develop a web application, one have to choose



We want to compile into

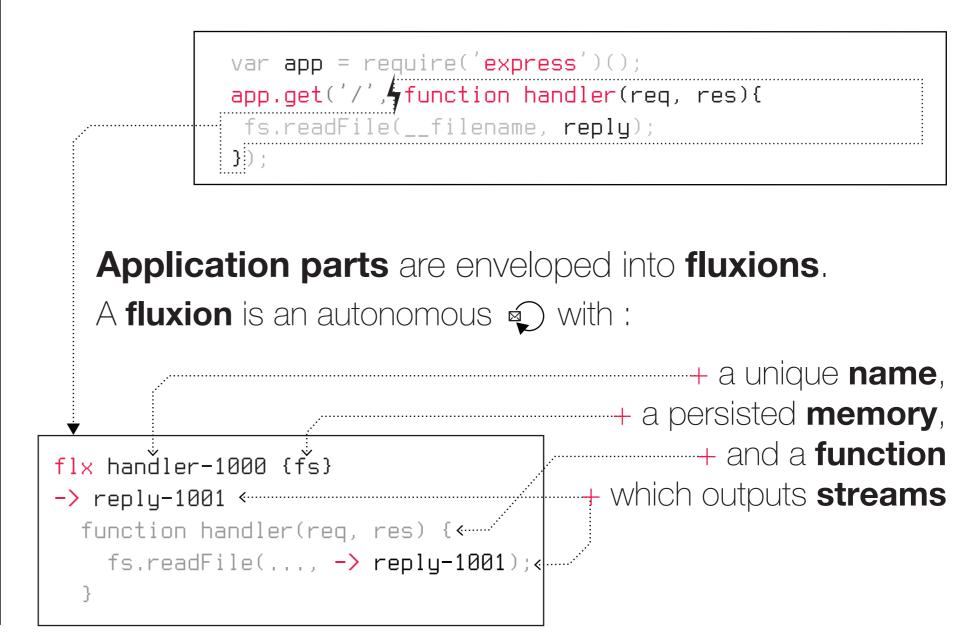


The compiler extracts autonomous parts by searching for rupture points marking them out A Rupture point is a call of a loosely coupled function In nodes, an asynchronous call

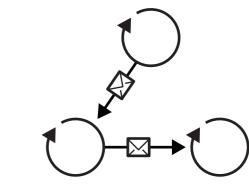


I/O Operation like fs and express.

is a rupture point.







count += 1:

res.send(err

var code = ('' + data)

.replace(/\n/g, '
')

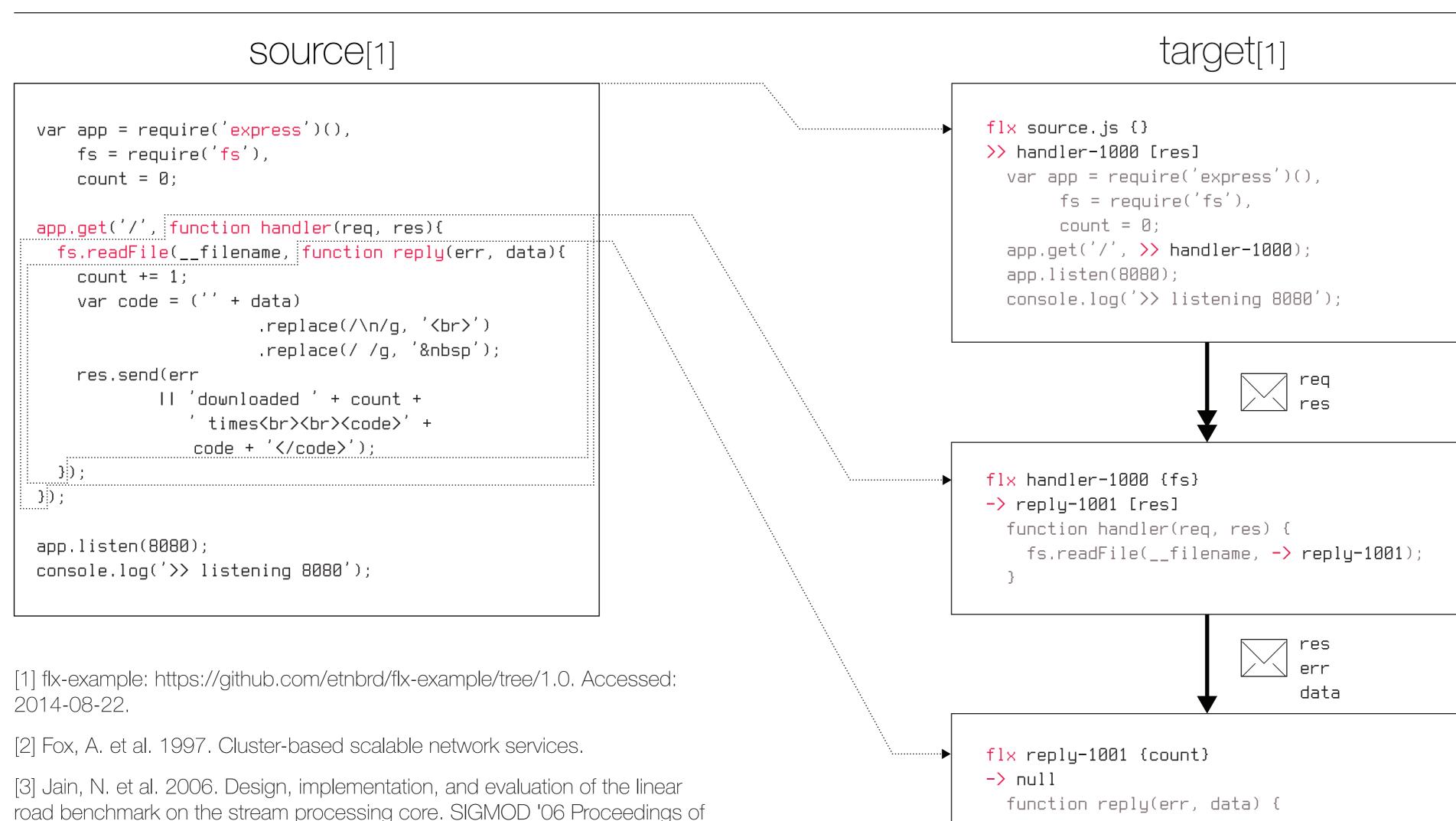
.replace(/ /g, ' ');

II 'downloaded ' + count +

code + '</code>');

' times

<code>' +







the 2006 ACM SIGMOD international conference on Management of data.

[4] Welsh, M. et al. 2000. A design framework for highly concurrent systems.