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Attributes	Multiprocessor	Multiscalar
Speculative task initiation	No/Difficult	Yes
Multiple flows of control	Yes	Yes
Task determination	Static	Static (possibly dynamic)
Software guarantee of inter-task control independence	Required?	Not required
Software knowledge of inter-task data dependences	Required?	Not required
Inter-task sync.	Explicit	Implicit/Explicit
Inter-task communication	Through memory Through messages	Through registers and memory
Register space	Distinct for PEs	Common for PEs
Memory space	Common Distinct	Common for PEs







