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And that's where this book comes in. We seek to capture the essence of how expert parallel programmers think about parallel algorithms and communicate that essential understanding in a way professional programmers can easily master. The technology we've adopted to accomplish this task is a pattern language. We made this choice not because we started the project as devotees of design patterns looking for a new field to conquer, but because patterns have been shown to work in ways that would be applicable in parallel programming. For example, patterns have been very effective in the field of object-oriented design. They have provided a common language experts can use to talk about the elements of design