Intel® Advisor XE 2013

Threading Assistant

Simplify and Speed Threading Design

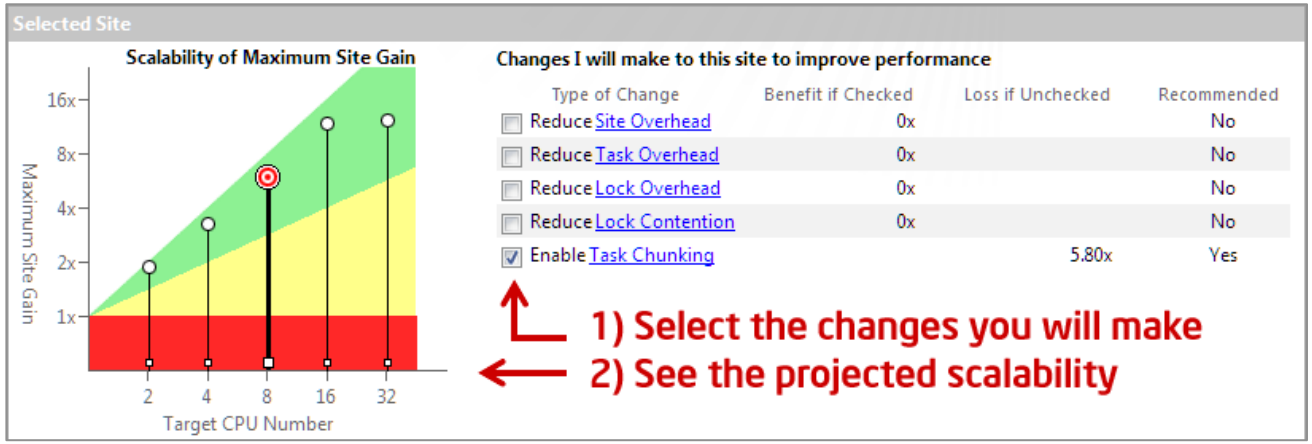
Intel® Advisor XE – Threading Assistant

The Challenge of Parallel Design:

- Need to implement to measure performance
- Implementation is time consuming
- Disrupts regular product development
- Testing difficult without tools

Intel Advisor XE Separates Design & Implementation

- Fast exploration of multiple options
- Find errors before implementation
- Design without disrupting development
- **New!** Linux* and Windows*
- **New!** C, C++, Fortran and C# code



Add Parallelism with Less Effort, Less Risk and More Impact

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Optimization Notice

Design Then Implement

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Design Parallelism

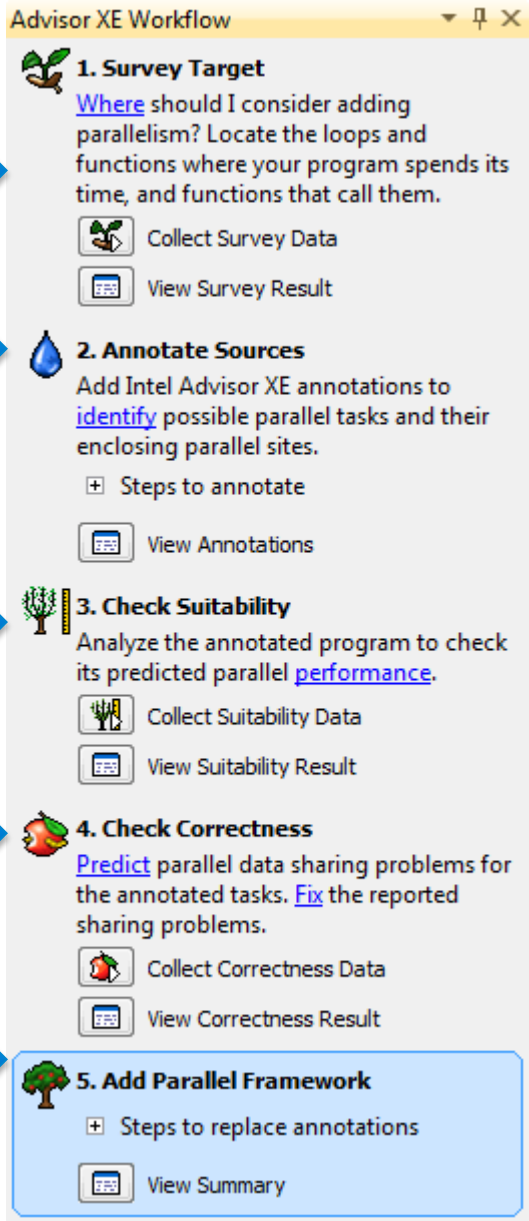
- No disruption to regular development
- All test cases continue to work
- Tune and debug the design before you implement it

1) Analyze it.

2) Design it. (Compiler ignores these annotations.)

3) Tune it.

4) Check it.



Implement Parallelism

5) Do it!

Less Effort, Less Risk, More Impact

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