



Delphi European Conference

Parallel Programming with OmniThreadLibrary

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bit Time software 

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The Delphi Geek

random ramblings on Delphi, programming, Delphi programming, and all the rest

Tuesday, October 16, 2012

ITDevCon 2012 is almost here ...

.. and I'm busy preparing my presentations. Come [join me in Verona](#) and listen to following talks:

Regular expressions - friend or foe?

Regular expressions are one of the most underused features of the Delphi RTL. While in the past we could attribute this to the lack of built-in support, Delphi XE introduced the RegularExpressions unit which greatly simplifies the use of the regular expressions engine. This session will present basic ideas behind the regular expressions, examine the RegularExpressions unit and in particular the main workhorse - the TRegEx class - and continue with practical examples which will show how and when to use regular expressions - and particularly when to stay away from them.

"Hands On": Parallel programming with OmniThreadLibrary

In the past few years, OmniThreadLibrary has become "de facto" standard for Delphi multithreaded programming. Still, the main stumbling block for programmers to "go multithreaded" is the grasp of patterns and practices for multithreaded development. This "hands on" session will take different practical examples, deconstruct them into basic operations and then show how to build simple parallel solutions based on the initial analysis.

"Hands-On": Developing for Windows and OS X

Multiplatform development is slowly taking hold in the Delphi world. While we can argue that the tools for the mobile platform are still in the infancy stage, the situation on the desktop is quite different. Delphi is a valid development tool for the OS X-based computers. The main topic of this session will be hassle-free multiplatform development - how to write your code that it "simply works" on both platforms and what to do when this is not possible.

(That is, if you'll not be listening to [other great presentations](#) running at the same time!)

October
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Verona (Italy)

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Pages

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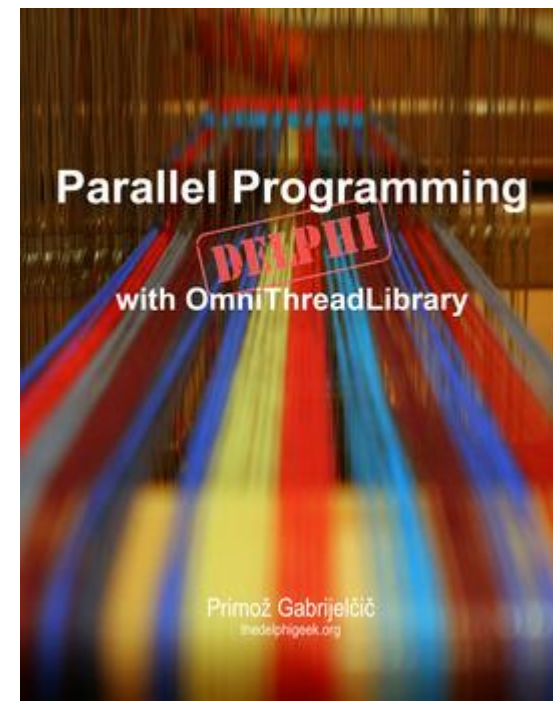
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What is OmniThreadLibrary?

- ... VCL for multithreading
- ... released under an open license
- ... actively developed
- ... frequently used
- ... available in Delphis from 2007 to XE3
 - Windows 32- or 64-bit, VCL only

How do I learn more?

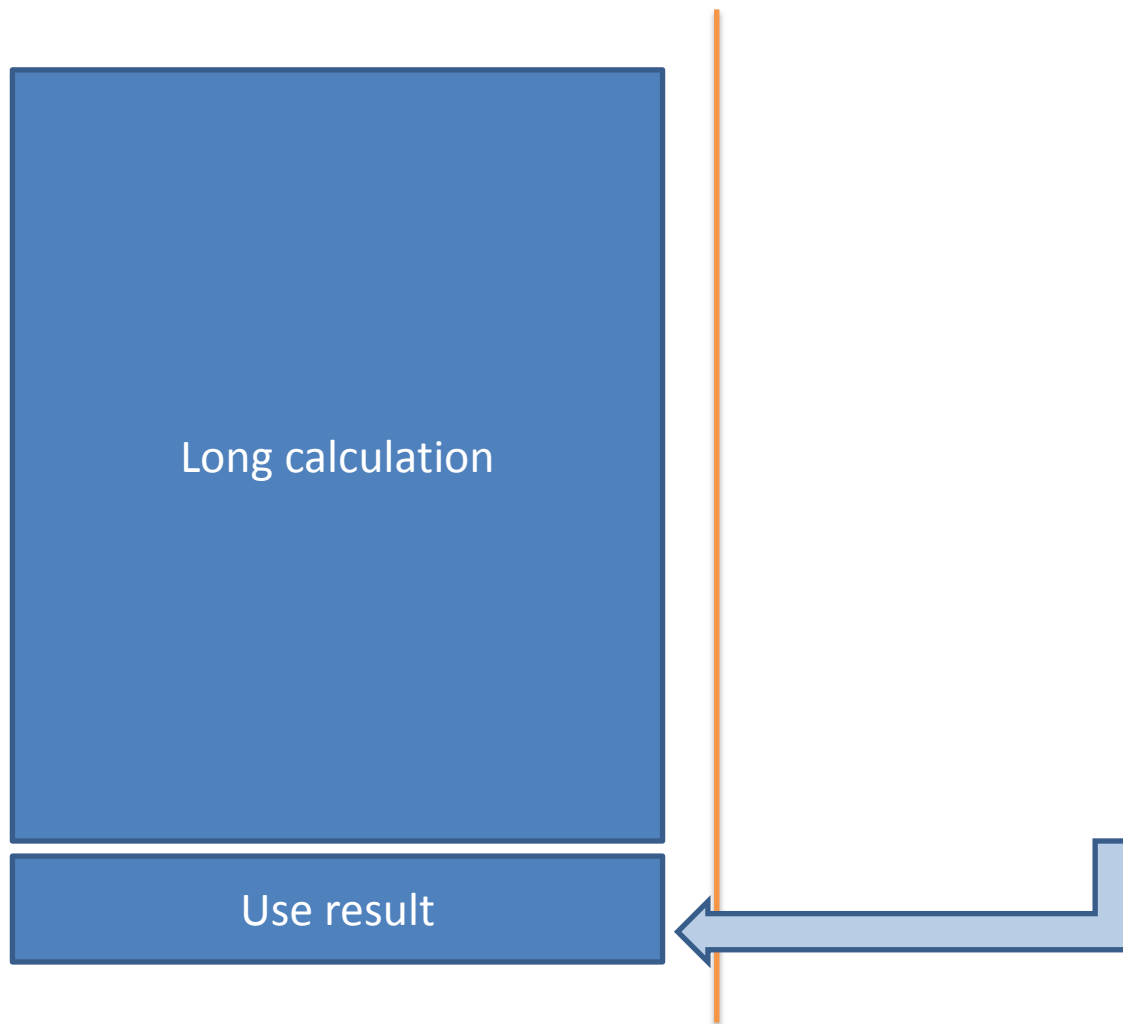
- Home: otl.17slon.com
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How do I execute long operation in background and run some code in the main thread after the long operation has finished?

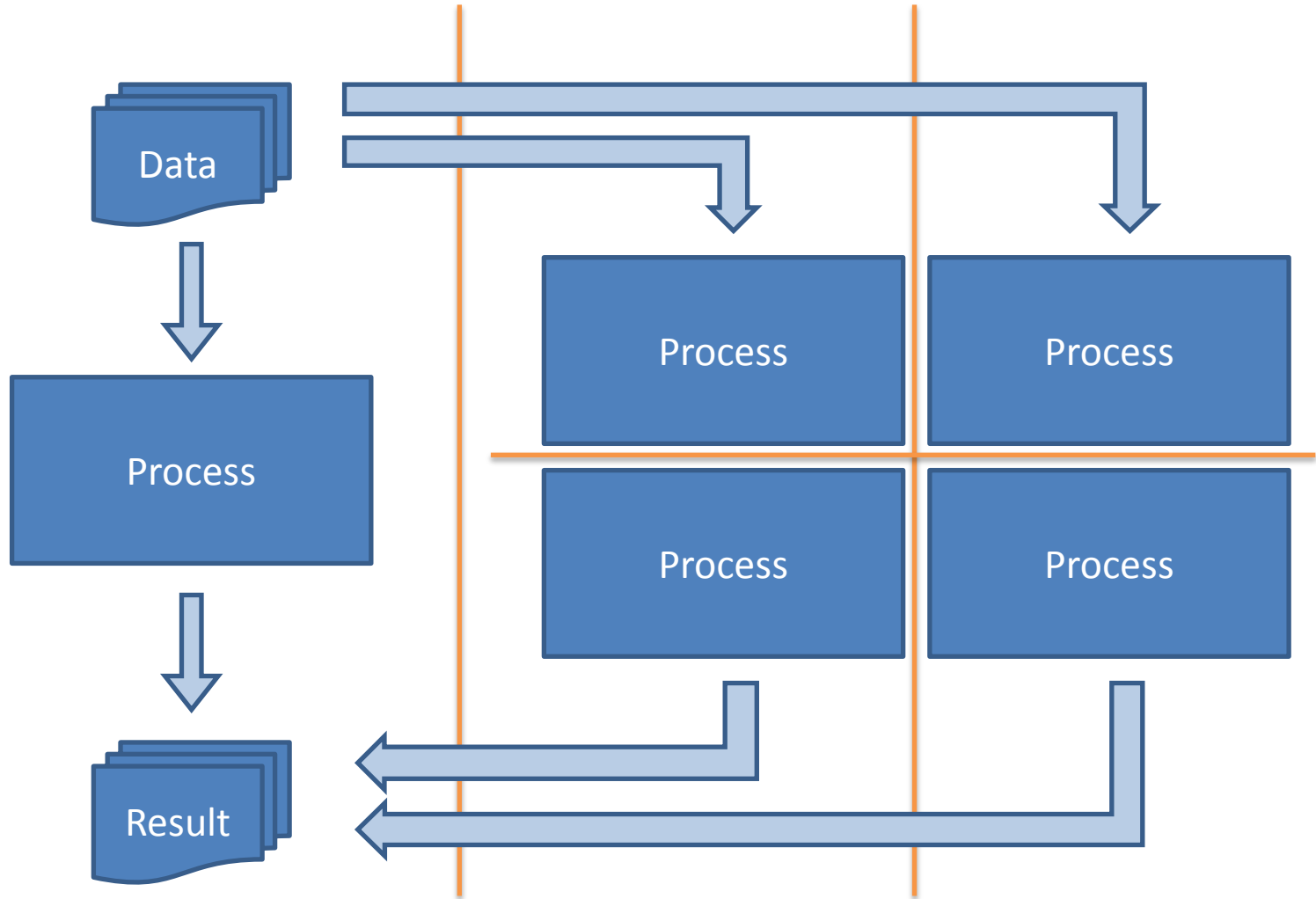


How do I run long calculation in background and process the result in the main thread?



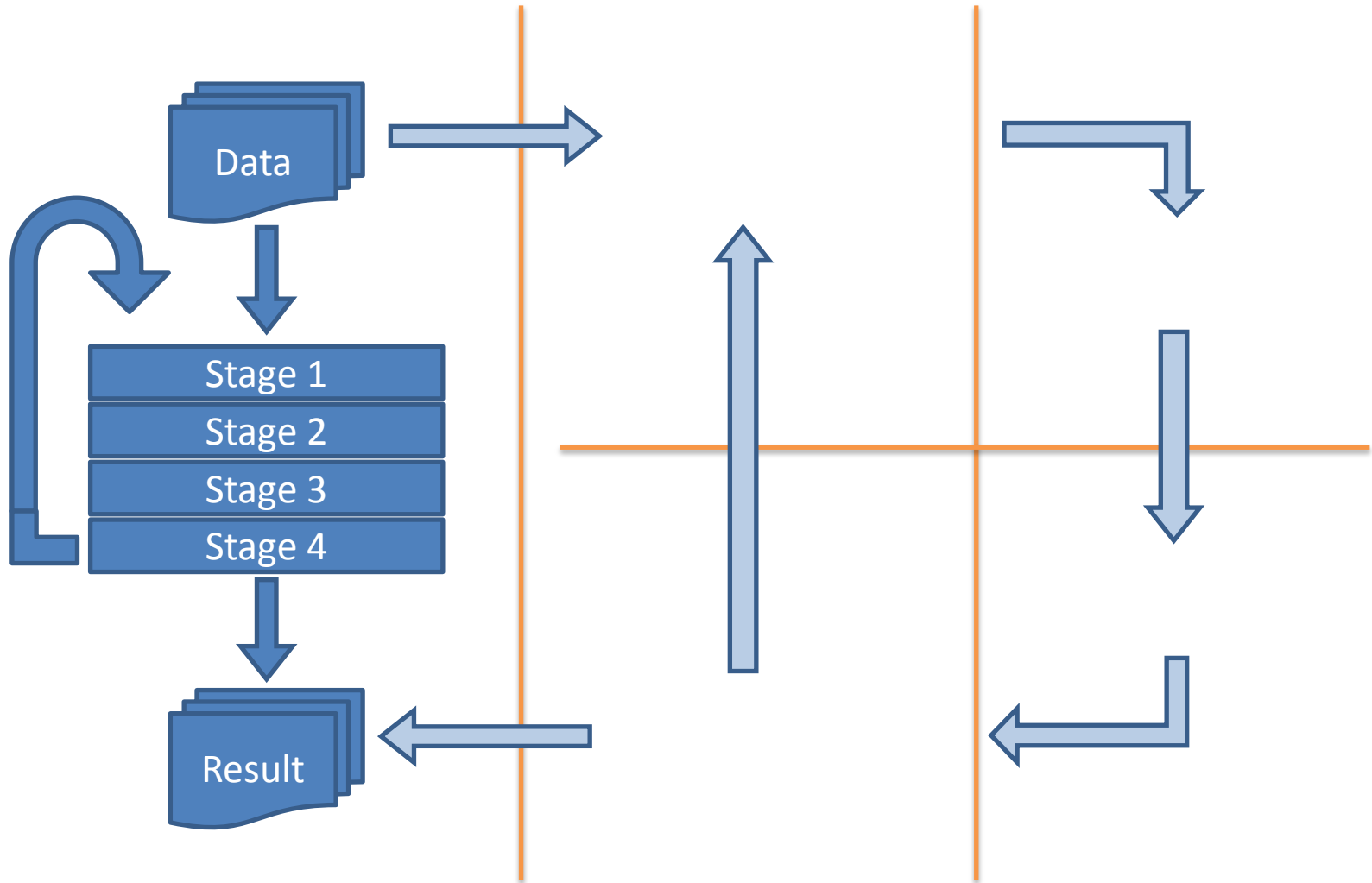
How do I run same background operation in multiple simultaneous copies processing an input?

Background Worker

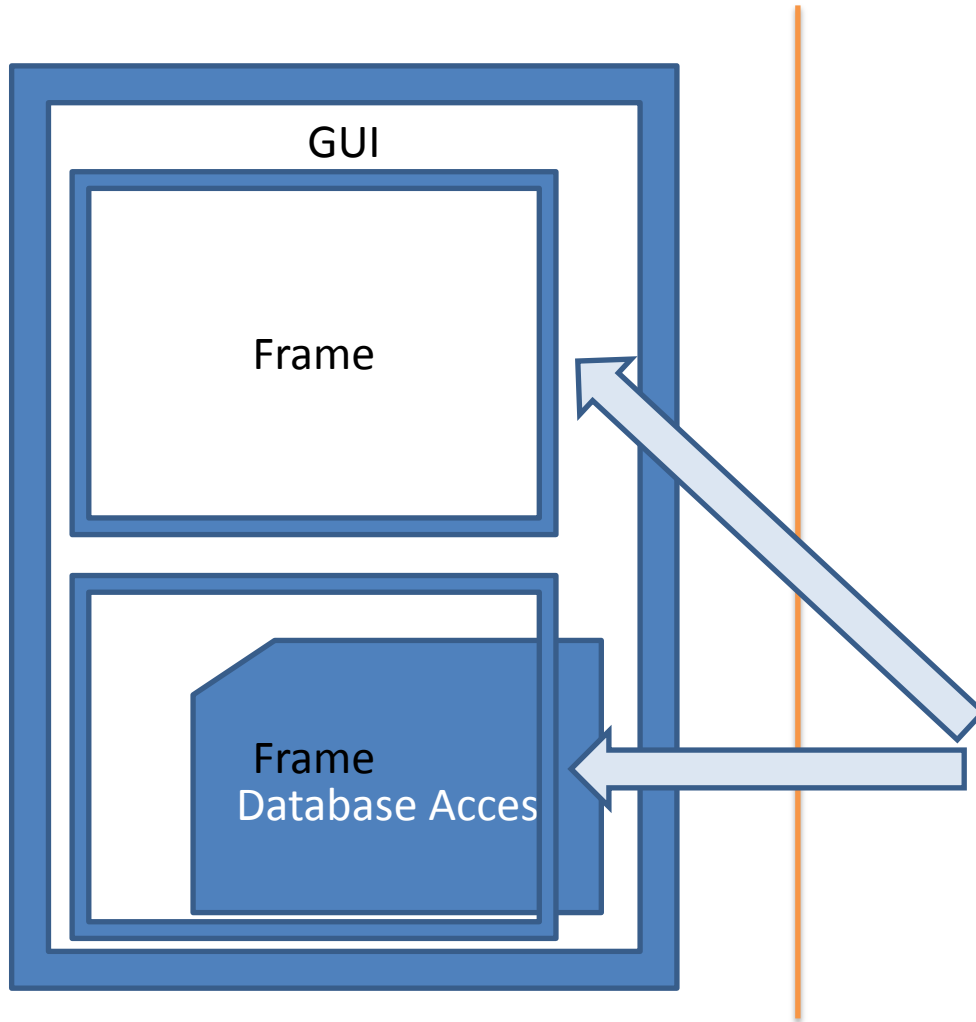


How do I parallelize a process that executes in multiple stages?

Pipeline



How do I work with databases in multithreaded environment?





Questions?

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