Introduction to the BackgroundWorker Component with WPF

Presented by Jeremy Clark
www.jeremybytes.com

AGENDA

- About Me
- BackgroundWorker Component Features
- LOOK AT THE CODE
- Resources

About Me

- Jeremy Clark
- 10 Years as an Application Developer
- .NET/C# since 2005
- ASP.NET, WinForms, Web Services, WCF, WPF, Silverlight
- www.jeremybytes.com

Jeremy – 7th Grade

BACKGROUNDWORKER COMPONENT FEATURES

- Background Thread Handling
- Automatic Marshalling Across Threads
- Progress Notification
- Cancellation

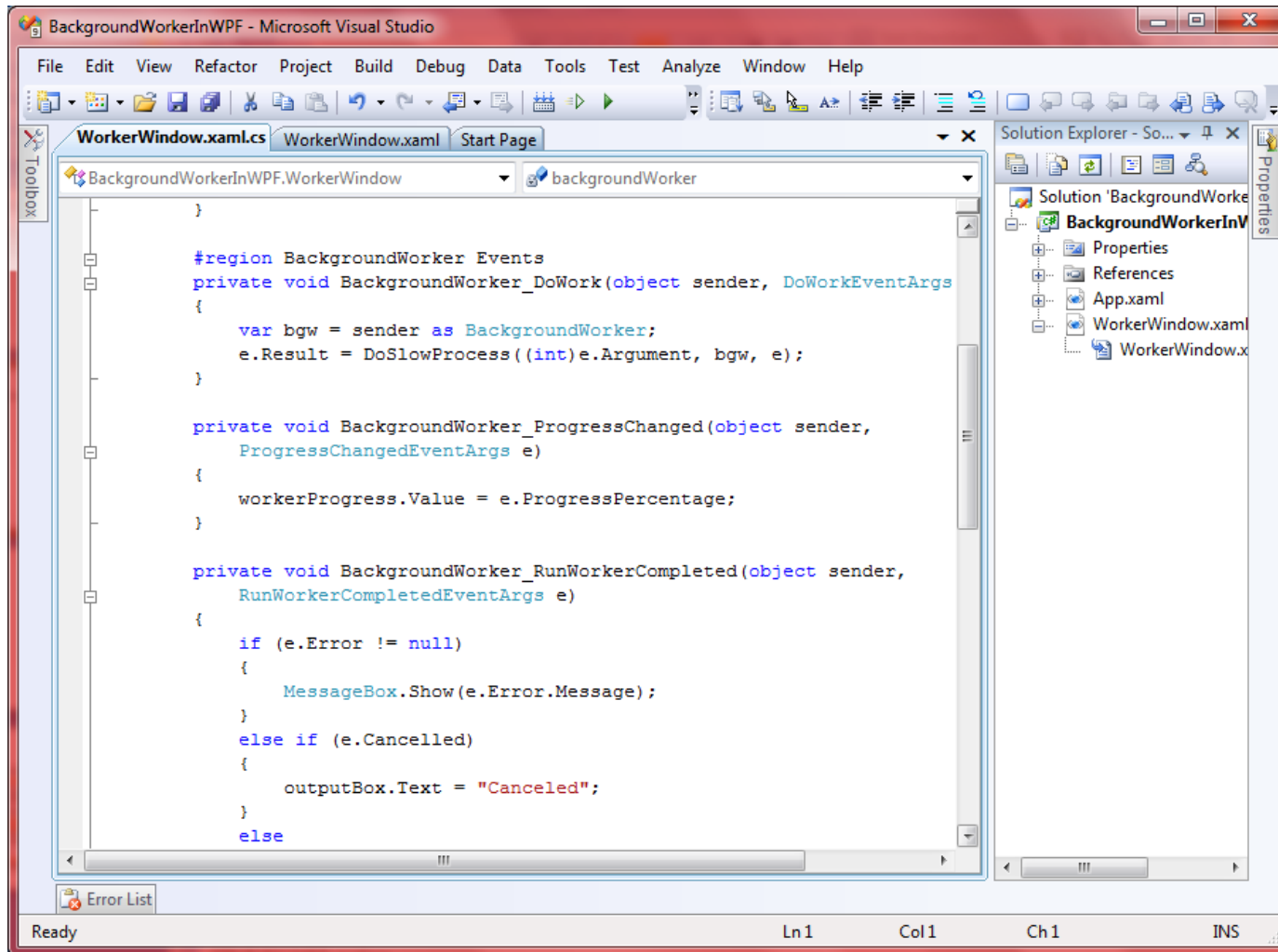©Jeremy Clark 2010

BACKGROUNDWORKER MEMBERS

- Methods
  - RunWorkerAsync
  - ReportProgress
  - CancelAsync
- Properties
  - WorkerReportsProgress
  - WorkerSupportsCancellation
  - CancellationPending
  - IsBusy
- Events
  - DoWork
  - RunWorkerCompleted
  - ProgressChanged

©Jeremy Clark 2010

LOOK AT THE CODE

RESOURCES

- Pro WPF in C# 2008 by Matthew MacDonald
  - http://www.apress.com/book/view/1590599551
  - Contains an overview of the BackgroundWorker and a WPF example (prime number calculation)
- MSDN – BackgroundWorker Component
  - http://msdn.microsoft.com/en-us/library/c8dcext2.aspx
  - Contains an overview of the BackgroundWorker and a WinForms example (Fibonacci sequence)
- JeremyBytes
  - http://www.jeremybytes.com/Demos.aspx
  - Contains downloadable code and full walkthrough
  - Email: jeremy@jeremybytes.com