

## APM, EAP->TPL

- The *Asynchronous Programming Model (APM)* is the model you see with `BeginMethod(...)` and `EndMethod(...)` pairs.
  - The *Event-based Asynchronous Pattern (EAP)* is the model you see with `MethodAsync(...)` and `CancelAsync(...)` pairs. There's usually a `Completed` event. `BackgroundWorker` is a good example of this pattern. (EAP was introduced in the .NET Framework version 2.0.)
- As of C# 4.5, both have been replaced by the `async/await` pattern, which is using the *Task Parallelism Library (TPL)*. You will see them marked with `Async` after the method name and usually returning an **awaitable** `Task` or `Task<TResult>`. If you are able to target .NET 4.5, you should definitely use this pattern over the APM or EAP design.