ANTS Memory Profiler™

Profile the memory usage of your .NET applications

What is ANTS Memory Profiler?

ANTS Memory Profiler is a tool for profiling applications written in any of the languages supported by the .NET framework. ANTS Memory Profiler profiles all .NET applications, including ASP.NET web applications, Windows Services and COM+ applications.
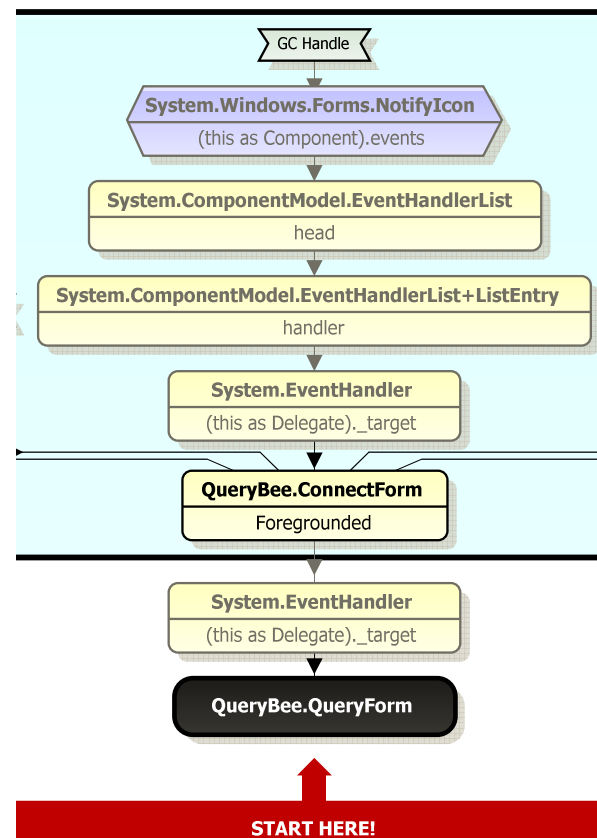
Why ANTS Memory Profiler?

ANTS Memory Profiler helps you investigate your memory usage, and identify what objects are persisting, and allows you to find out how you can reduce your application's memory footprint.

- ↗ **Investigate your application's memory usage**

- ↗ **Locate memory leaks**

- ↗ **Perform health checks on your code** during your development cycle and before a release

Key features

- ↗ **Graphically represents the relationships between objects:** with the Object Retention Graph, you can see the reason why an object has not been garbage collected.

- ↗ **Offers powerful filtering options**, so you can home in on the object you really need to know about. Filters will help in the analysis of even the most complicated applications.

- ↗ **Scales well to large and complex applications:** low memory footprint (ANTS Memory Profiler won't use any more than 32 MB in the target application) and minimal performance overhead on the profiled application.

Object Retention Graph

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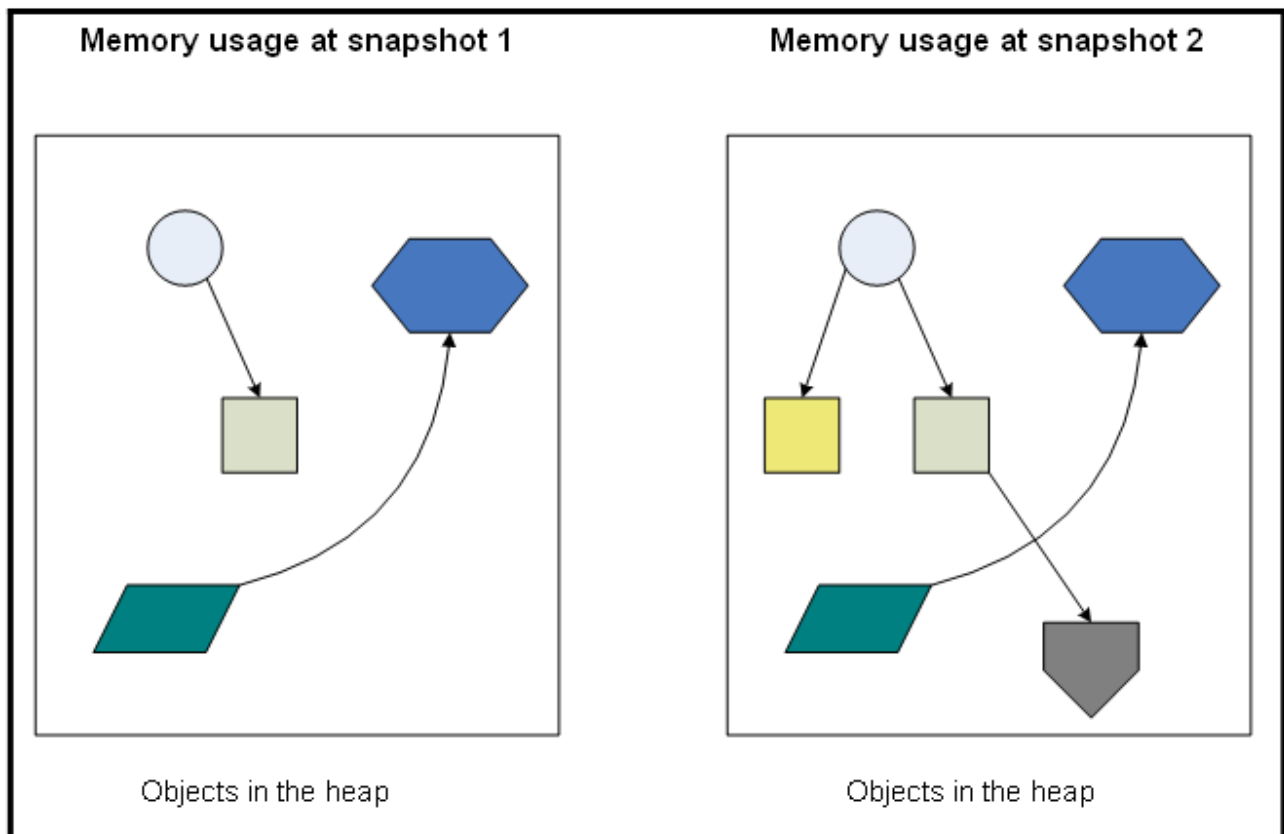
ANTS Memory Profiler™ (continued)

When should I use ANTS Memory Profiler?

Use ANTS Memory Profiler if your application:

- ↗ **Is displaying signs of high memory usage** – you suspect that your program is holding on to too much memory.
- ↗ **Needs regular restarts** because of degrading performance over time – application recovers on restart, but degrades again later on.
- ↗ **Needs a quality-control check** before a release or at an important milestone during a development cycle.

How does ANTS Memory Profiler work?

With ANTS Memory Profiler, you can take as many snapshots as you want while your application is running, so you can compare application memory states. You can compare any of these snapshots, giving you more flexibility and control over your profiling session.

Measuring how memory is being used at different times during the execution of your program

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ANTS Memory Profiler™ (continued)

Technical specifications

ANTS Memory Profiler can run on development machines or servers.

Operating Requirements
- ↗ Windows XP, Windows 2003 Server, Windows Vista, or Windows Server 2008
- ↗ Microsoft .NET Framework version 2.0
- ↗ 512 MB RAM (minimum)
- ↗ Internet Explorer 6+
- ↗ 1 GB free hard disk space

How much does ANTS Memory Profiler cost?

ANTS Memory Profiler is available as an individual tool at a cost of **£345** for a single user license, or as part of the .NET Developer Bundle (which also includes ANTS Performance Profiler Pro and Exception Hunter) for a total of $795. Support and upgrade contracts are also available for 25% of the product's purchase price.

"ANTS Memory Profiler 5.0 was the first profiler to successfully profile our application without crashing. Not only that, it had a negligible memory overhead and no noticeable addition to run time."

Harold Dubnow, *Interactive SuperComputing*

"I was trying to locate memory leaks in our WPF application and was evaluating tools for helping me with this task. I was having a hard time finding a tool that performed reasonable well until I found the ANTS Memory Profiler 5. I downloaded it and it just works. The performance and analysis capabilities are far superior to any of the other tools I have looked at and I find it very intuitive to use."

Lau Bakman, *Software Architect, Gladstone Health & Leisure, Denmark*

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