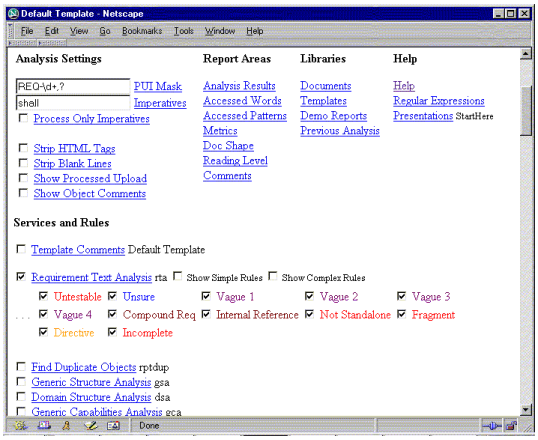
CassBeth
Cherry Hill, NJ, 08003
www.cassbeth.com

Specification Analysis Tool (SAT)

SAT is a revolutionary new automation aid to develop clean useful specifications that contain clear, complete, consistent, and testable requirements.

SAT is an early life cycle tool for assessing requirements that are specified in natural language. Services range from simple: looking for bad requirement text, to complex: looking for missing capabilities and key requirements. It very quickly identifies potential specification problems, makes recommendations, profiles a document, and gathers metrics all in one report.



SAT uses Internet Technologies but they are on your computer. Imagine the technologies that power the Internet, on your computer. Imagine no more.

✓ The beauty of SAT is its ability for you to define your own specification analysis rules.

✓ SAT has preloaded rules that allow you to immediately start adding value to your project.

✓ SAT finds un-testable, unsure, vague, compound, internal reference, non-standalone, fragment, directive, duplicate, and other requirement issues that you chose to codify.

✓ SAT looks for capabilities, key requirements, determines reading level, analyzes document structure, and what you can image with the SAT framework.

✓ In the end metrics are gathered so that you know when you are done.

The need for clear consistent testable specifications has been apparent for over 2 decades. The approaches have been to create formal specification methods or to manage informal written words, which represent requirements. The latter has become the primary method of creating specifications for most organizations. The System Requirements Database (SRDB) has been introduced to help manage requirement statements, however the SRDB, though effective at showing parent child relationships and managing attributes does not address the fundamental problem of creating a clear consistent testable requirement object. Different organizations have unique ad hoc solutions to this dilemma. What has surfaced is the potential need for a method and tool to analyze a specification and provide guidance in corrective actions.

SAT is a method and tool that allows you to codify your own 'working' specification analysis rules. Embedded within SAT is the principle of layered services. This principle allows SAT to immediately provide results as rules mature and SAT mining techniques are refined in your organization. In the end the services allow mining of potential key requirements from analysis documents and comparison with the actual key requirements in the baseline - your specifications.

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Welcome to Cassbeth

We are a technology company offering software and system engineering products originating from our Internet E-Commerce experiments that started in 1997 and over 25 years experience in Aerospace and Education.

An experiment was started in 1997. The experiment was to study the Internet technologies and postulate e-commerce alternatives while transferring knowledge and technology to System Engineering principles. A great deal was learned and presented to whoever was interested. Now this knowledge is being embedded into new products.

What might seem like a strange combination, actually is the source of inspiration for potentially an unlimited collection of solutions to System and Software Engineering efforts for commercial and government organizations.

We are very familiar with computers that use Windows. We recently were introduced to the Internet and are now fluent with computers that use web servers and browsers. What if the technology that allows you to surf the planet were placed on your local machine and merged with your browser. What could you do with such a world? Welcome to CassBeths' technology products. That is exactly what we have done. Our products use the miracle of web server technology on your computer, not half way across the planet, coupled with your browser to give you productivity solutions previously not practical.

Why CassBeth

The Internet and today's world yielded three profound changes. The first is Internet based technologies that allow automation of vast amounts of previously manually intensive tasks. Some of these automation solutions start to approach traditional cognitive processes. The second is distribution, via the Internet. This distribution is now proven and legendary. The third is a major cultural phenomenon where today's population is the most educated and capable in human history. This cultural phenomenon is still not recognized by many but is a fact as evidenced by high technology global competition.

Many of the Internet based technical solutions have limited markets that large or small businesses will not develop. In the past large or small business would develop these solutions in house. Fortunately for CassBeth, these projects rarely saw the light of day as main stream business was addressed. However there are people with massive capabilities who are willing to pursue these markets, and once filled, allow government, business, and other organizations to reap massive benefits. Merge the displacement technical solutions from the Internet core with today's highly educated population along with the Internet distribution mechanisms and you have CassBeth.