Contact

If you have further questions about TRENTINO and Embedded SOA technologies and architectures in general, please do not hesitate to contact us. We will be happy to assist you!

Yours sincerely

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For latest news about Trentino, be sure to check out
http://trentino.sf.net

Siemens AG, December 2011

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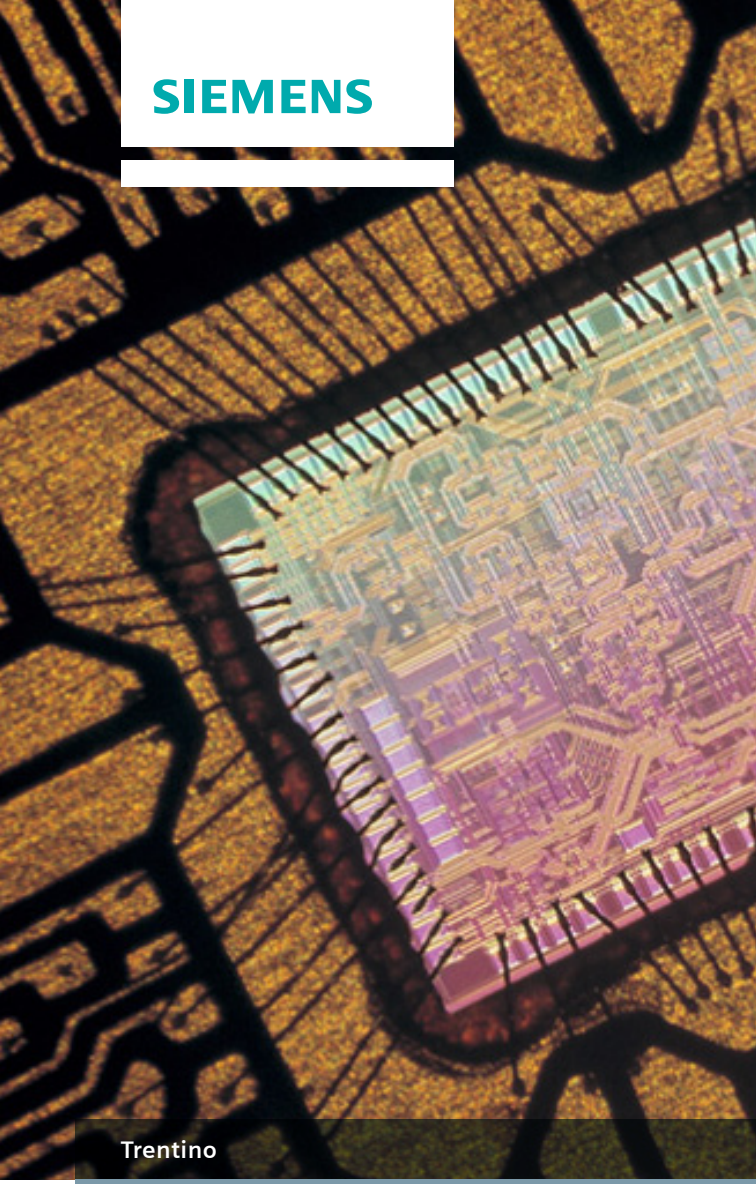


Trentino

SOA Runtime for Embedded Systems

Open Standards -Open Source

http://trentino.sf.net

Trentino

SOA Runtime for Embedded Systems

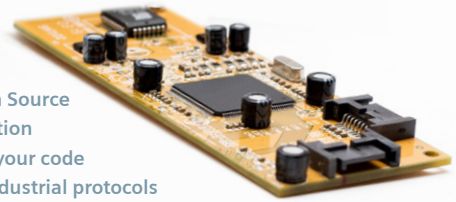
TRENTINO is a lightweight and modular SOA runtime that is specifically designed for the peculiarities of the embedded domain. It is based on the open standard Service Component Architecture(SCA) and already has built-in support for a variety of industrial protocols.

Trentino severely reduces complexity and thus has positive implications on both safety and cost during the entire application lifecycle of your product.

Technology

The information business has developed the service-oriented paradigm to cope with flexibility and integration while maintaining short time-to-market. Currently, these trends are approaching the lower levels of technology and especially the embedded device as the key enabler of high-level technology. The very flexible nature of embedded SOA architectures offers the opportunity to provide highly adaptable embedded systems with respect to changing product, environmental and end user requirements in the embedded systems domain.

TRENTINO provides the foundation for cost-competitive, flexible and high quality service-based solutions for embedded systems by pushing successful and proven service-oriented concepts down to the embedded domain and thereby offers a significant benefit for Siemens key technology providers and end users.



Open Standards – Open Source
Low memory consumption
100% Non-Invasive on your code
Variety of supported industrial protocols

Facts

- Fully compliant to open standard Service Component Architecture 1.0
- Low memory consumption between 1MB and 3MB
- Support for C/C++ code
- Fully non-invasive: your code stays clean, no dependencies, no container coupling
- Variety of industrial protocols such as BACnet, OPC UA just at your fingertips
- Modular design: stuff gets loaded only when it is needed by your application
- Hot updates of running services, no need to shut down your system anymore
- Distributed service registry: finding and using remote services has never been that easy
- Cross-Platform: runs under Windows CE/2000/XP/Vista/7 and (Embedded)Linux
- 100% free and open source, licensed under the LGPL