

## **R.A.I.S. Page Surpasses 100,000 Views**

Contact: Alex Narvey

Precursor Systems is pleased to announce that the R.A.I.S. page has surpassed 100,000 views.

The R.A.I.S. page <rais.precursor.ca> was created in March, 2011 to develop and promote the concept of a *Redundant Array of Independent Servers* based on the Mac mini computer – an idea that surfaced soon after Apple retired its rack-mounted server product, the Xserve. A R.A.I.S. consisting of two or more Mac mini computers offers greater redundancy, performance and stability for small business environments.

Precursor's founder Alex Narvey began experimenting with R.A.I.S. configurations and was soon using them in production environments at many of Precursor's clients. The R.A.I.S. page became the central repository for resources and reports of R.A.I.S. systems.

To bolster stability through power failures, Alex invented the T-Key Dongle (a device that would force a Mac to start up in Target Disk Mode even after a power failure). Hundreds of people downloaded the plans for the T-Key Dongle and several have submitted pictures of their own versions.

When Apple added a reverse proxy server to the macOS Server Alex devised and perfected a web.app method of reverse proxy that would allow all services like FileMaker Server and Kerio Connect to run on the same computer without interfering with macOS Server and made the tutorial available on the R.A.I.S. page. Thousands of people have downloaded the Reverse Proxy Tutorial and it has been used all over the world including Canada, the U.S., Britain, France, Germany, Belgium, Sweden and the Netherlands.

When Apple removed the FileShare management GUI from macOS Server 5.4, Alex created a FileMaker Runtime project to bring that GUI back to macOS High Sierra computers and made it available from the R.A.I.S. page.

"We got involved with R.A.I.S. to help our Small Business clients get the kind of performance and reliability that much bigger companies (with much bigger I.T. budgets) have," said Precursor founder Alex Narvey, "As Apple transforms macOS Server to more of a computer management role in Spring 2018, we will continue to look for and promote technologies that give Small Business clients the advantages of larger enterprises."



Precursor Systems was founded in March 1994 by Alex Narvey to provide support for computer-based professionals in the Publishing, Printing, Prepress, Digital Imaging, Audio and Video industries.

More information is available at our web site:

<http://www.precursor.ca/>

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