

CRAY

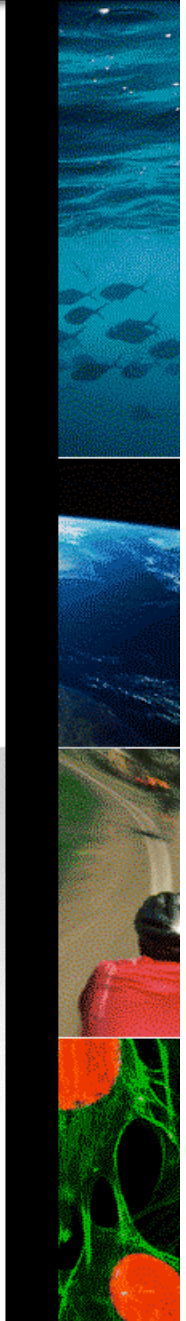
The Supercomputer Company

Beyond Books:

New Directions for Customer Documentation

Nola Van Vugt

CUG 2006



A Brief History of Customer Documentation

- 1972 – 1995: Books. Lots of Books.
- 1990: DOCVIEW allows online viewing of some of the books. Still lots of books.
- 1995: CrayDoc replaces DOCVIEW. We stop printing most books.

CrayDoc Document Server

CrayDoc is the Cray customer documentation server product. CrayDoc allows users to quickly search and display the customer documentation provided for Cray computer systems.

Advantages of CrayDoc

- Runs on any platform that has a UNIX or UNIX-like OS that supports the compilation of Perl, Swish-e, and Apache programs
- Compatible with any browser.
- CrayDoc 4.0 is stable and the instructions for installing and administering have been tested and found accurate.
- Customers can install their own PDF and HTML docs and index them for searching.

Disadvantages of CrayDoc

- Requires someone to own the process of setting up a server, compiling CrayDoc, and installing the files.
- Time-consuming reinstall needed for every release.

“Be patient; all of this will take some time. But when the script is finished, you should have a fully operational CrayDoc 4.0 system accessible to users at the *doc_url* you specified during installation.”

- *CrayDoc Installation and Administration Guide*, page 30.

- The swish-e search engine leaves something to be desired.
- On our end, creating a CrayDoc package for each release is a multi-step, labor-intensive process.
- Users don't have access to CrayDoc when they are working offline.
- **The documentation is separated from the product.**

#1 Disadvantage of CrayDoc

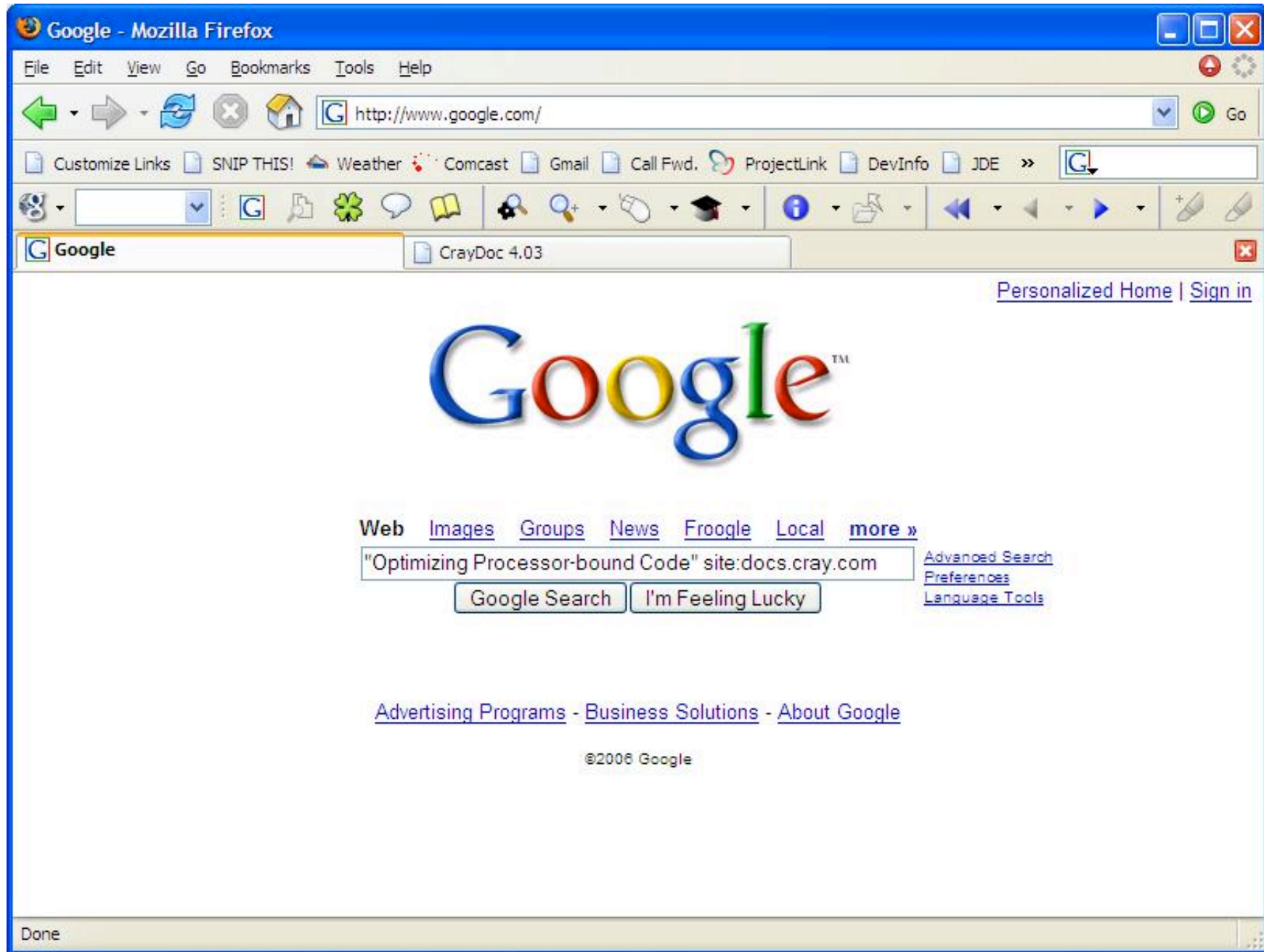
- People don't seem to use it.

What we've been working on this year

- Making our content more task-oriented. (more procedures, better examples)

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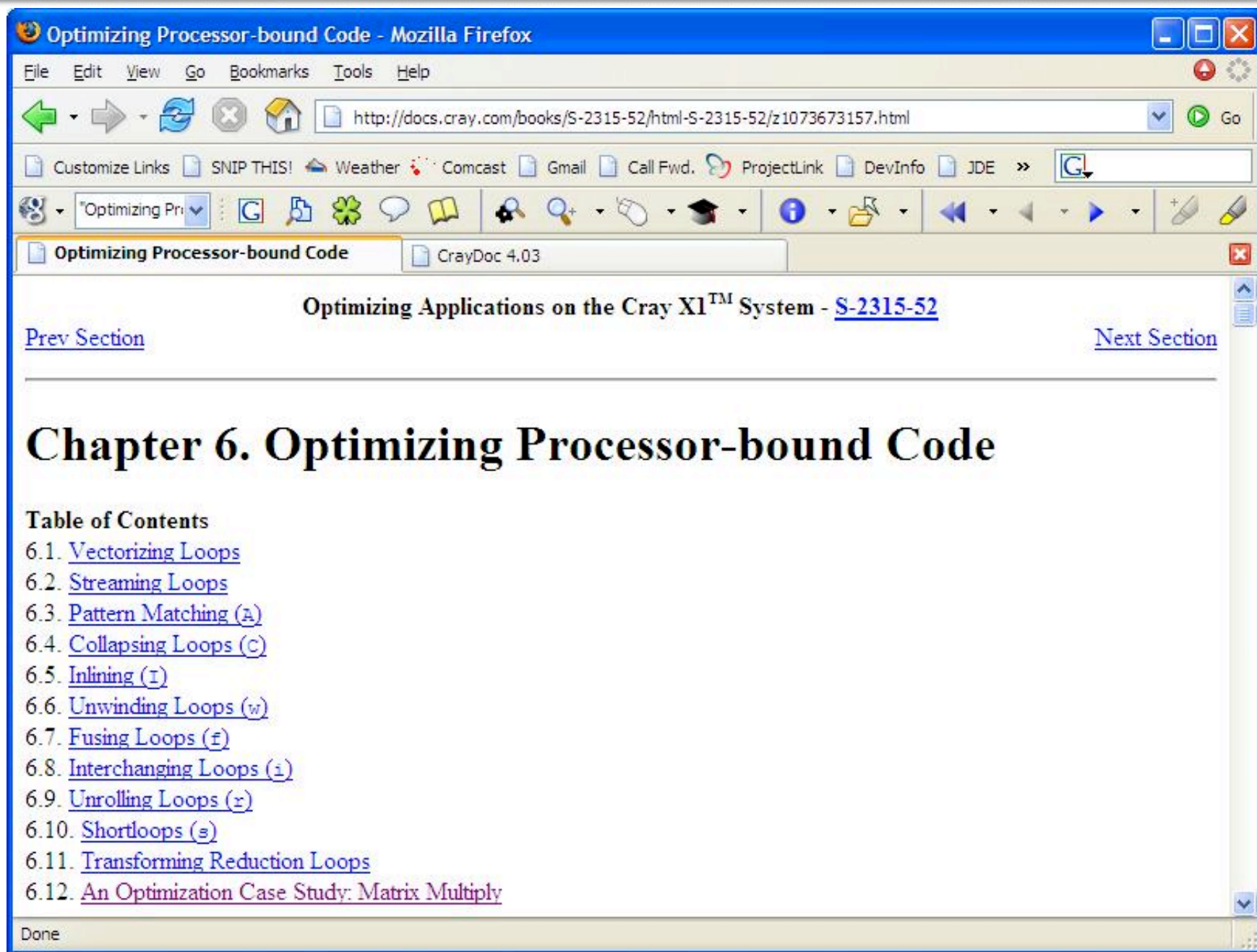
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 Find and remove code bottlenecks w/ Intel® VTune™ Performance Analyzer
intel.com



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Chapter 6. Optimizing Processor-bound Code

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- [6.11. Transforming Reduction Loops](#)
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Optimizing Parallel Code
Sockets or other support for intermachine communications are not provided, so a Cray X1 system cannot be used as part of a **cluster or computing grid**. ...
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Sockets or other support for intermachine communications are not provided; a Cray X1 system cannot be used as part of a **cluster or computing grid**. ...
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Programming Model Differences
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Grid Computing Center
Research, stats, white papers, news and best practices
www.itworld.com

Grid Computing?
Brief and Straightforward Guide to Distributed Computing
wisegeek.com

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- Raising users' awareness of services provided by CUG.

A plug for CUG in every book

Cray User Group

The Cray User Group (CUG) is an independent, volunteer-organized international corporation of member organizations that own or use Cray Inc. computer systems. CUG facilitates information exchange among users of Cray systems through technical papers, platform-specific e-mail lists, workshops, and conferences. CUG memberships are by site and include a significant percentage of Cray computer installations worldwide. For more information, contact your Cray site analyst or visit the CUG website at www.cug.org.

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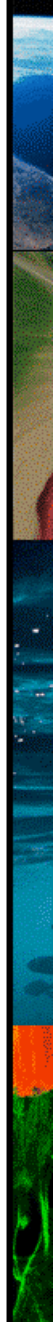
Cray XT3™ Systems 1.4 Software Release Preview

Draft

Private

S-2425-14

Thu Apr 6 16:40:45 2006



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- Developing online help for the XT3 SMW GUI

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xtgui: rst17

File Actions Preferences Help

Cabinets

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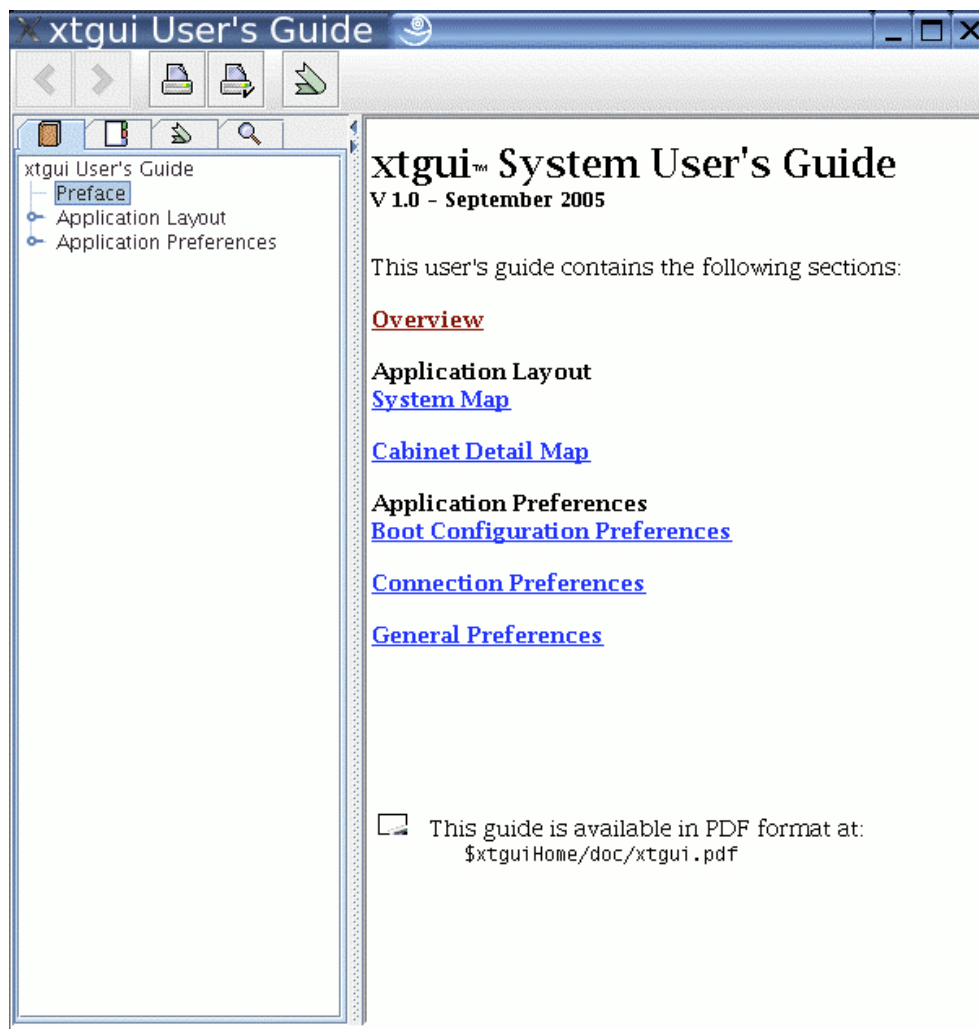
Cabinet: c2-0

Ready Not Ready Selected Empty Warning Alert

Component Detail Error List Event Log

Type	Name	State	Flags	Service	Row	Column	Section	Partition	Status Message
Blade	c2-0c2s1	ready	noflags	No	0	2	10-6	p0	
CPU	c2-0c2s1n3	ready	warn alert	No	0	2	10-6	p0	node heartbeat fault
Sea Star	c2-0c2s1s3	ready	alert	No	0	2	10-6	p0	seastar heartbeat fault
Sea Star Link	c2-0c2s1s3i5	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s3i4	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s3i3	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s3i2	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s3i1	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s3i0	on	noflags	No	0	2	10-6	p0	
CPU	c2-0c2s1n2	ready	noflags	No	0	2	10-6	p0	
Sea Star	c2-0c2s1s2	ready	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i2	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i1	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i0	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i5	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i4	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s2i3	on	noflags	No	0	2	10-6	p0	
CPU	c2-0c2s1n1	ready	noflags	No	0	2	10-6	p0	
Sea Star	c2-0c2s1s1	ready	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i5	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i4	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i3	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i2	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i1	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s1i0	on	noflags	No	0	2	10-6	p0	
CPU	c2-0c2s1n0	ready	noflags	No	0	2	10-6	p0	
Sea Star	c2-0c2s1s0	ready	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i5	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i4	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i3	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i2	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i1	on	noflags	No	0	2	10-6	p0	
Sea Star Link	c2-0c2s1s0i0	on	noflags	No	0	2	10-6	p0	

Online Help!



Questions/Feedback

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