



Neuroimaging Informatics Tools and Resources Clearinghouse is an **award-winning, free, web-based resource** that offers comprehensive information on an ever expanding scope of neuroinformatics tools and resources.

### Join an online neuroscience community

- How difficult has it been to find the most appropriate software?
- How many articles and websites do you review to make the best connection between your research and the MR, EEG/MEG, PET/SPECT, CT, optical or genomics imaging, and clinical neuroinformatics information you find?

### NITRC makes it easier

Researchers searching for the right neuroimaging analysis tools had an arduous task. Until NITRC there was no central comprehensive resource to find, compare, and download the most suitable resources for your research.

### Accelerate your research

NITRC accelerates the research process by providing you an **unbiased**, comprehensive resource to find hundreds of neuroimaging analysis software, resources, and now, data. Use the website to search by:

- scientific attributes such as visualization, spatial transformation, statistical operation, quantification, segmentation, time domain analysis, atlas application, modeling, shape analysis and more
- other criteria such as programming language, development status, and data format such as NIFTI-1, ANALYZE, DICOM, MINC and more

Results include reviews, broad and narrow topical **forum discussions**, activity metrics, **documentation** and community-generated data sets, and **download** links. With this, you decide whether to download or participate in a forum of interest.

### Efficient research is less expensive research

Save time, and save your laboratory money and minimize software development or data acquisition by finding the right analysis resource the first time.

NITRC makes it easier for researchers to access a community of users as well as combine multiple tools to create a custom tool package by providing easy access to neuroimaging analysis tools. The goal is to help you find tools and resources you might never have been aware existed.

### Stretch your research with enhanced services

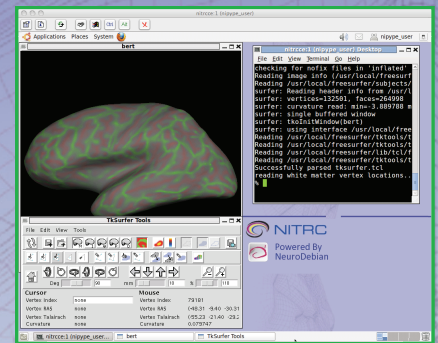
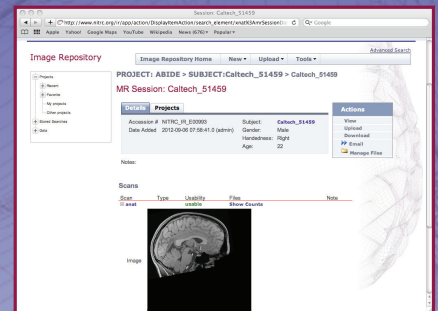
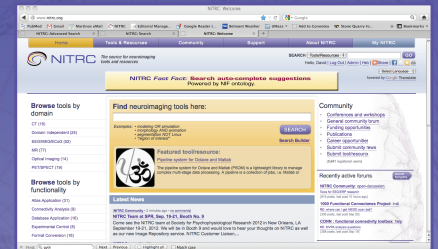


**Image Repository** does for data what NITRC does for tools. Search for and download data sets including ADHD-200, 1000 Functional Connectomes and ABIDE.



**Computational Environment** is a virtual computing cloud-based platform that is pre-configured with software tools built upon NeuroDebian.

*"NITRC is the first place I look... as soon as anyone says they have neuroimaging-related software to share I always ask, Is it on NITRC?"*



*"NITRC collects and points to standardized information about tools, making the task of finding and comparing them easier than before. Information is... evaluated with respect to usage, interoperability, features, quality of documentation and support, and user satisfaction...The site also encourages public comment to guide the development of tools and resources and enhance their use..."*

**Visit [www.nitrc.org](http://www.nitrc.org) today!**  
**Contact us at: [moderator@nitrc.org](mailto:moderator@nitrc.org)**

## Plug in to the community

By helping to provide common tools and techniques, NITRC makes it easier for researchers to reproduce and standardize results. NITRC provides

- immediate information about tool and resource availability and updates, as well as other news
- tool and resource **reviews** from journals and the research community
- **reliable access** to tools and resources through downloads and links
- a **collaborative community forum** for neuroinformatics discussions on specific tools and resources, test and validation data for particular problems, and useful metrics for tool and resource comparisons

## Use NITRC to distribute your tools and data

This open **infrastructure** treats hosted and linked out resources **equally** when browsing, searching, and comparing. Users can provide you helpful feedback via NITRC's tracker functionality. Therefore, consider NITRC to be

- a **storefront to distribute** software, documentation, and community-generated data sets from your website
- a **home** for public and private neuroimaging software tool development, documentation, storage, and distribution including **helpful services** such as task, feature request, and bug tracking; and collaborative news, forum, MediaWiki, and mailing lists capability
- a **safe and secure harbor** whose average annual uptime of 99.8% is maintained as part of the cyber infrastructure fielded by the University of California, San Diego for projects such as the Neuroscience Information Framework

## NITRC is you!

Today NITRC.org is the clearinghouse for neuroinformatics analysis software, community generated data, and other resources.

While we continue to identify and support the distribution of tools and resources, the NIH's NITRC team **wants you to actively participate** by rating and reviewing resources, and by contributing to the community's discussions, to make it an even more valuable resource.

**Visit [www.nitrc.org](http://www.nitrc.org) today!**  
**Contact us at: [moderator@nitrc.org](mailto:moderator@nitrc.org)**

The NIH's NITRC team includes experts in neuroimaging and informatics from UCSD, Neuromorphometrics, and David N. Kennedy Consulting.

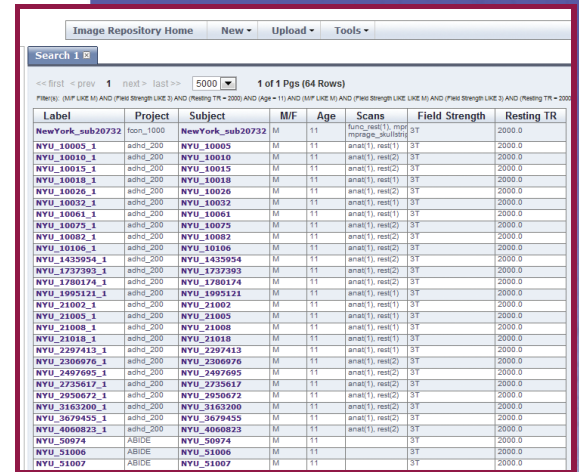
TCG, a project management and application development contractor, leads the team. NITRC is funded under GSA Contract No. GS-00F-0034P Order Number HHSN268200100090U.



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Participate in a user-friendly venue where developers can share tools and resources, and receive assistance and advice from the community and the NIH's NITRC team for improvements and enhancements.



Label	Project	Subject	MF	Age	Scans	Field Strength	Resting TR
NewYork_sub20732	loon_1000	NewYork_sub20732	M	11	func_rest(1), rest(1)	3T	2000.0
NYU_10003_1	sdhd_200	NYU_10005	M	11	anat(1), rest(1)	3T	2000.0
NYU_10010_1	sdhd_200	NYU_10010	M	11	anat(1), rest(2)	3T	2000.0
NYU_10015_1	sdhd_200	NYU_10015	M	11	anat(1), rest(2)	3T	2000.0
NYU_10018_1	sdhd_200	NYU_10018	M	11	anat(1), rest(1)	3T	2000.0
NYU_10026_1	sdhd_200	NYU_10026	M	11	anat(1), rest(2)	3T	2000.0
NYU_10032_1	sdhd_200	NYU_10032	M	11	anat(1), rest(1)	3T	2000.0
NYU_10061_1	sdhd_200	NYU_10061	M	11	anat(1), rest(1)	3T	2000.0
NYU_10075_1	sdhd_200	NYU_10075	M	11	anat(1), rest(2)	3T	2000.0
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NYU_4060823_1	sdhd_200	NYU_4060823	M	11	anat(1), rest(2)	3T	2000.0
NYU_50974	ABIDE	NYU_50974	M	11	anat(1), rest(1)	3T	2000.0
NYU_31006	ABIDE	NYU_31006	M	11	anat(1), rest(1)	3T	2000.0
NYU_31007	ABIDE	NYU_31007	M	11	anat(1), rest(1)	3T	2000.0

*"We...moved all our tool development onto NITRC due to the excellent infrastructure and would have tremendous problems to go back to our former local setup.*

*Especially in today's research world, where we collaborate on several projects with multiple sites to develop jointly neuroimaging tools, it is a necessity to have a...NITRC.*

*On top of the high quality of the NITRC resources, it is also... 'neutral'.... Tool sites were always local to an university and thus in cross-site development, there was always discussion for which university to host the tools. Not just has that discussion been eliminated, the services offered by NITRC is unparalleled... compared to local setups and... NITRC has considerably simplified the dissemination of our tools."*

## Working Together

