Summary of the Resource:

**SumsDB**

**RRID:** SCR_002759  
**Type:** Tool

**Proper Citation**

SumsDB (RRID:SCR_002759)

**URL:** [http://sumsdb.wustl.edu/sums/](http://sumsdb.wustl.edu/sums/)

**Proper Citation:** SumsDB (RRID:SCR_002759)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE, documented on May 11, 2016. Repository of brain-mapping data (surfaces and volumes; structural and functional data) derived from studies including fMRI and MRI from many laboratories, providing convenient access to a growing body of neuroimaging and related data. WebCaret is an online visualization tool for viewing SumsDB datasets. SumsDB includes: * data on cerebral cortex and cerebellar cortex * individual subject data and population data mapped to atlases * data from FreeSurfer and other brainmapping software besides Caret SumsDB provides multiple levels of data access and security: * Free (public) access (e.g., for data associated with published studies) * Data access restricted to collaborators in different laboratories * Owner-only access for work in progress Data can be downloaded from SumsDB as individual files or as bundles archived for offline visualization and analysis in Caret WebCaret provides online Caret-style visualization while circumventing software and data downloads. It is a server-side application running on a linux cluster at Washington University. WebCaret "scenes" facilitate rapid visualization of complex combinations of data Bi-directional links between online publications and WebCaret/SumsDB provide: * Links from figures in online journal article to corresponding scenes in WebCaret * Links from metadata in WebCaret directly to relevant online publications and figures

**Abbreviations:** SumsDB, WebCaret

**Synonyms:** Surface Management System Database and WebCaret Online Visualization, SumsDB and WebCaret, Sums database, Sums DB, Web Caret, SumsDB (Surface Management System Database) WebCaret Online Visualization, SumsDB WebCaret, Surface Management System Database, WebCaret Online Visualization, SumsDB (Surface Management System Database) and WebCaret Online Visualization, SumsDB Database,
SumsDB (Surface Management System Database) and WebCaret Online Visualization

**Resource Type:** storage service resource, database, analysis service resource, service resource, image repository, atlas, data repository, data or information resource, production service resource, data analysis service

**Keywords:** segmentation, volume, neuroimaging, brain, fmri, stereotaxic foci, stereotaxic coordinate, brain-mapping, foci, structural mri, mri, cerebral cortex, cerebellar cortex, afni brik, analyze, atlas, nifti, registration, rendering, spatial transformation, surface analysis, surface rendering, visualization, volume rendering, brain mapping, neuroanatomy

**Related Condition:** Mental disease, Neurological disorder, Normal

**Funding Agency:** Human Brain Project, NSF, NCI, NLM, NASA, National Partnership for Advanced Computational Infrastructure, NIMH

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** SumsDB

**Resource ID:** SCR_002759

**Alternate IDs:** nif-0000-00016


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### Ratings and Alerts

No rating or validation information has been found for SumsDB.

No alerts have been found for SumsDB.

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### Data and Source Information

**Source:** [SciCrunch Registry](http://brainvis.wustl.edu/wiki/index.php/Sums:About)

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### Usage and Citation Metrics

We found 13 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](http://brainvis.wustl.edu/wiki/index.php/Sums:About).


representations by physical and observational experience. PloS one, 12(10), e0185044.


