

MAP IDs for Online Help

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
User's Guide, Volume 2, Algorithms: Chapter 2, Algorithms	
10001	Chapter 2, Algorithms
10002	Fast Fourier Transformation (FFT)
10003	Fast Fourier Transformation (FFT): Applying the FFT algorithm
10004	Filters (Spatial): AdaptiveNoiseReduction
10005	Filters (Spatial): Adaptive Noise Reduction: Applying the algorithm
10006	Filters (Spatial): Anisotropic Diffusion
10007	Filters (Spatial): Anisotropic Diffusion: Applying the algorithm
10008	Filters (Spatial): Gaussian Blur
10009	Filters (Spatial): Gaussian Blur: Applying the algorithm
10010	Filters (Spatial): Gradient Magnitude
10011	Filters (Spatial): Gradient Magnitude: Applying the algorithm
10012	Filters (Spatial): Laplacian
10013	Filters (Spatial): Laplacian: Applying the algorithm
10014	Filters (Spatial): Mean
10015	Filters (Spatial): Mean: Applying the algorithm
10016	Filters (Spatial): Median
10017	Filters (Spatial): Median: Applying the algorithm
10018	Filters (Spatial): Nonlinear Noise Reduction
10019	Filters (Spatial): Nonlinear Noise Reduction: Applying the algorithm
10020	Filters (Spatial): Nonmaximum Suppression
10021	Filters (Spatial): Nonmaximum Suppression: Applying the algorithm
10022	Filters (Spatial): Slice Averaging
10023	Filters (Spatial): Slice Averaging: Applying the algorithm
10024	Filters (Spatial): Unsharp Mask
10025	Filters (Spatial): Unsharp Mask: Applying the algorithm
10026	Fuzzy C-Means: Multispectral and Single Channel Algorithms

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MAP IDs	Online Help
10027	Fuzzy C-Means: Multispectral and Single Channel Algorithms: Applying the algorithm
10028	Histogram Equalization: Regional Adaptive
10029	Histogram Equalization: Regional Adaptive: Applying the algorithm
10030	Mask
10031	Mask: Applying the algorithm
10032	Registration: Landmark-TPSpline
10033	Registration: Landmark-TPSpline: Applying the algorithm
10034	Reslice-Isotropic Voxels
10035	Reslice-Isotropic Voxels: Applying the algorithm
10036	Scale and Image Processing
10037	Vision Systems and Scale
10038	ColocalizationOrthogonal
10039	Gaussian scale space
10040	Registration: Landmark—Least Squares
10041	Registration: Landmark—Least Squares: Applying the algorithm
19016	Registration: B-Spline Automatic Registration 2D/3D -- Single-Pass
19018	Registration: B-Spline Automatic Registration 2D/3D -- Two-Pass
19020	Registration: B-Spline Automatic Registration 2.5D -- Single-Pass
19022	Registration: B-Spline Automatic Registration 2.5D -- Two-Pass
10042	Filters (Spatial): Adaptive Path Smooth
10043	Filters (Spatial): Adaptive Path Smooth: Applying the algorithm
10044	Extract Brain Surface
10045	Extract Brain Surface: Applying the algorithm
10046	Registration: Manual 2D Series
10047	Registration: Manual 2D Series: Applying the algorithm
10048	Registration Time Series Optimized Automatic Registration
19060	Registration: Manual 2D Series: Blended tab
19062	Registration: Manual 2D Series: Dual tab
19064	Registration: Manual 2D Series: Applying the Manual 2D Series algorithm to 2.5D images

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19066	Registration: Manual 2D Series: Applying the Manual 2D Series algorithm to 3D images
10049	Registration Time Series Optimized Automatic Registration: Applying the algorithm
10050	Histogram Equalization: Neighborhood Adaptive
10051	Histogram Equalization: Applying the neighborhood adaptive algorithm
19050	Histogram Tools: Histogram Two Dimensional main topic
19052	Histogram Tools: Histogram Two Dimensional - Grayscale images dialog
19054	Histogram Tools: Histogram Two Dimensional - Color images dialog
10052	ColocalizationOrthogonal: Applying the algorithm
10053	Utilities (This map ID should be under Chapter 9)
19001	Extract Surface (Marching Cubes) Algorithm
19002	Extract Surface (Marching Cubes) main topic
19003	Microscopy: Blind Deconvolution algorithm
19004	Microscopy: Blind Deconvolution main topic
19008	Histogram Matching main topic
19010	Histogram Matching main dialog box
19012	Face Anonymizer (BET) main topic
19014	Face Anonymizer (BET) main dialog box
19016	Registration: B-Spline Automatic Registration 2D/3D -- Single-Pass
19018	Registration: B-Spline Automatic Registration 2D/3D -- Two-Pass
19020	Registration: B-Spline Automatic Registration 2.5D -- Single-Pass
19022	Registration: B-Spline Automatic Registration 2.5D -- Two-Pass
19024	Registration: B-Spline Automatic Registration main topic
19040	Transformation tools: Transform to Power of 2, Resample dialog
19042	Transformation tools: Transform to Power of 2 main topic
User's Guide, Volume 2, Algorithms: Chapter 1, MIPAV Algorithms Overview	

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10054	Developing New Tools Using the API
10055	Chapter 1, MIPAV Algorithms Overview
10056	Understanding MIPAV Capabilities
User's Guide, Volume 1, Chapter 9, Changing Image Datasets Using MIPAV Utilities	
10057	Removing 3D subset from 4D
100570	To remove an X dimension slice
100571	To remove a Y dimension slice
100572	To remove a Z dimension slice
100573	To remove the T dimension
100570	Keeping a log of utilities applied to image datasets
100571	To place MIPAV in log mode
100572	To turn the log mode off
10058	Copying images (Clone command)
100580	Concatenating images
100581	To concatenate image datasets
100582	To verify that the datasets are joined
10059	Cropping images (Crop command)
100590	To crop an image
10060	Flipping images horizontally or vertically (Flip > Horizontal and Flip > Vertical commands)
10061	Rotating images (all Rotate commands)
100610	To rotate images
10062	Adding image margins (Add Image Margins command)
100620	To add image margins
10063	Correcting image spacing (Correct Image Spacing command)
100630	To view image attributes
100631	To save images as XML files
100632	To correct image spacing
10064	Matching images (Match Images command)
100640	To match image orientation

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MAP IDs	Online Help
100641	To match image resolutions
100642	To match image origins
100643	To march image dimensions
10065	Adding noise to images (Noise command)
100650	To add noise to images
10066	Masking images (Mask command)
100660	To create an interior mask
100661	To create an exterior mask
10068	To replace pixel/voxel value
10069	Converting image datasets to different image types (Convert Type command)
100690	To convert a dataset to a different image type
10070	Converting grayscale images to RGB images (Utilities >Grays > RGB commands)
100700	To convert grayscale images to RGB images
10071	Converting RGB datasets to grayscale datasets (Utilities >RGB command)
100710	To manually convert RGB datasets to grayscale
10072	Replacing pixel/voxel value
10073	Converting 3D to 4D images or 4D to 3D images (Convert 3D to 4D and Convert 4D to 3D command)
100730	To convert 3D to 4D images
100731	To convert 4D to 3D images
10074	Subsetting 4D to 3D (Subset 4D -> 3D command)
10075	Swapping the third and fourth dimensions (Swap DIMS 3 <-> 4 command)
100750	To swap the third and fourth dimensions
10076	Extracting slices/volumes
10077	To extract slices or volumes from image datasets
10078	Inserting images (slices) into image datasets (Insert Slice command)
100780	To insert slices into image datasets
10079	Removing images (slices) from datasets (Remove Slices command)
100790	To remove slices from datasets
10080	Inverting the order of images (slices) in datasets (Inverse Slice Order command)

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MAP IDs	Online Help
100800	To invert the order of images in datasets
10081	Ramdomizing image (slice) order (Ramdomize Slice Order command)
10082	Removing time slices (Remove Time Slices command)
100820	To remove time slices
User's Guide, Volume 2, Algorithms (continued)	
10083	Microscopy: FRAP
10084	Microscopy: FRAP: Applying the algorithm
10085	Filters (Spatial): Coherence-Enhancing Diffusion
10086	Filters (Spatial): Coherence-Enhancing Diffusion: Applying the algorithm
10087	Filters (Spatial): Regularized Isotropic Diffusion
10088	Filters (Spatial): Regularized Isotropic Diffusion: Applying the algorithm
10089	Extract Brain: Extract Brain Surface (BSE)
10090	Extract Brain: Extract Brain Surface (BSE): Applying the algorithm
10091	To allocate more memory [QuickStart.fm]
10092	Filters (Spatial): Mode
10093	Filters (Spatial): Mode: Applying the algorithm
10094	Microscopy: FRET
10095	Microscopy: FRET Bleed Through
10096	Microscopy: FRET Bleed Through: Applying the Algorithm
10097	Microscopy: FRET Efficiency
10098	Microscopy: FRET Efficiency: Applying the Algorithm
10099	Microscopy: FRET Bleed Through and Efficiency Algorithms (combined)
19005	Shading Correction Inhomogeneity N3 Correction algorithm
19006	Shading Correction Inhomogeneity N3 Correction applying
19001	Extract Surface (Marching Cubes) Algorithm
19002	Extract Surface (Marching Cubes) main topic
19003	Microscopy: Blind Deconvolution Algorithm
19004	Microscopy: Blind Deconvolution main topic
19008	Histogram Matching main topic
19010	Histogram Matching main dialog box

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19012	Face Anonymizer (BET) main topic
19014	Face Anonymizer (BET) main dialog box
User's Guide, Volume 1, Chapter 3, Getting Started	
10200	Starting MIPAV
102000	Chapter 3, Getting Started
10201	Opening and loading image files
10202	Opening image files
102020	To open an image file
10203	Loading image files
102031	To load an image file
10204	Selecting views
10205	Understanding image windows
10206	Moving images
10207	Displaying images using the default view
10208	Displaying images using the lightbox view
102080	To display images in the lightbox view
10209	Displaying images using the cine view
102090	To display images in cine view
10210	Adjusting magnification

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10211	Magnifying images
10212	Reducing the magnification level
10213	Restoring the original level of magnification
10214	Magnifying regions within images
102140	To use the Magnify Region icon
102141	To change the size of the magnified region
10215	Increasing and decreasing the magnification level
102150	To change the magnification level
10216	Showing intensity values through the magnification glass
102160	To show the intensity values
10217	Improving contrast, adding color, and creating negative images
10218	Improving contrast on images quickly
102180	Annotating images
102181	Annotate dialog box
10219	Using the Quick LUT icon
102190	To use the Quick LUT icon
10220	Using the right mouse button
10221	Using the Adjust Window and Level icon
102210	To adjust image contrast
10222	Restoring images to their original appearance
102220	To generate a histogram for an image
10223	Applying color to images using predefined LUTs
102230	To apply a pseudo-color LUT
10224	Creating negatives of images
102240	To create a negative image
102241	To use the alphablending function
10225	Comparing images using alphablending
10226	Creating new images
102260	To create a new image
10227	Delineating volumes of interest (VOIs)

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MAP IDs	Online Help
10228	Generating contour VOIs using predefined shapes
102280	To generate contour VOIs using the predefined shapes
10229	Adding and moving boundary points on VOIs
102290	To add a point and change the boundary of the VOI
10230	Automatically adjusting contour boundaries
102300	To adjust contours
10231	Calculating VOI statistics
102310	To calculate VOI statistics
10232	Using VOI properties
10233	Using the Statistics Generator
10234	Selecting VOI and save options
102340	To select VOIs
10235	Selecting statistics options
102350	To select statistics to perform on VOIs
10236	Reviewing the statistics
102360	To modify the resolutions in an image
10237	Modifying image resolutions
10238	Generating graphs (intensity profiles)
102380	To generate a graph of a VOI
102381	To save a graph
102382	To print images and graphs
10239	Generating new graphs
10240	Saving graphs to a file
10241	Printing images or graphs
10242	Saving images
10243	Saving images in the same format
102430	To save an image file in the same format (as when opened)
10244	Saving images as RGB TIFF files
102440	To save images as RGB TIFF files
10245	Saving images to MINC format

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MAP IDs	Online Help
102450	To save images to MINC format
10246	Saving images to another format or renaming images
102460	To save images to a different format from the original file or to rename images
10247	Customizing MIPAV
10248	Showing or hiding the splash screen on MIPAV start-up
102480	To hide the splash screen or prevent it from appearing on start-up
102481	To show the splash screen
10249	Using platform-specific Open and Save dialog boxes
102490	To use platform-specific dialog boxes
10250	Showing and hiding toolbars
102500	To hide the VOI and Scripting toolbars and display the Paint toolbar
10251	Turning the log mode on or off
102510	To turn the log mode on
102511	To turn the log mode off
10252	Showing and hiding toolbars
10253	Turning the log mode on or off
10254	Placing or removing MIPAV from debug mode
10255	Placing MIPAV in debug mode
102550	To turn the log mode on
102551	To turn the log mode off (remove MIPAV from debug mode)
102552	To determine how much memory is currently being used by MIPAV
102553	To allocate more memory
10256	Developing and using plug-in scripts
10257	Quitting MIPAV
102570	To end a MIPAV session
User's Guide, Volume 1, Chapter 4, Understanding Image Basics	
10258	Chapter 4, Understanding Image Basics
10259	Supported graphic file formats
10260	Vector file formats
10261	Bitmap file formats

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MAP IDs	Online Help
10262	Three-dimensional (3D) graphic file formats
10263	Supported file formats
10264	Adobe Photoshop (PSD) files
10265	Analyze files
10266	Audio Video Interleave (AVI) files
10267	Digital Imaging and Communications in Medicine (DICOM) files
10268	Graphics Interchange Format (GIF) files
10269	Joint Photographic Experts Group (JPEG/JFIF) files
10270	Microsoft Windows Bitmap (BMP) files
10271	Medical Image NetCDF (MINC) files
10272	MIPAV (LUT) files
10273	MIPAV (MTX) files
10274	MIPAV (PLT) files
10275	MIPAV (VOI) files
10276	PC Paintbrush (PCX) files
10277	PICT: TBD files
10278	Portable Network Graphic Format (PNG) files
10279	Raw data files
10280	Sun Raster (RS) files
10281	Tag Image File Format (TIFF) files
10282	Truevision Graphics Adapter (TGA) files
10283	X BitMap (XBM) files
10284	X PixMap (XPM) files
10285	Understanding the MIPAV dimensionality and coordinate system
10286	Data types
10287	Headers
10288	Endianness
10289	Viewing and editing image attributes
10290	Viewing image attributes
10291	Editing image attributes

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MAP IDs	Online Help
10292	To modify the name of the image dataset
10293	To edit the dimensions and units of measure
10294	To edit the x , y , and z orientations of image datasets
10295	To change the origin for the first image slice
10296	To change the transform matrix
10297	
10298	
User's Guide, Volume 1, Chapter 5, Working with DICOM Images	
10300	Chapter 5 Working with DICOM Images
10301	Understanding how MIPAV works with DICOM images
10302	Browsing DICOM images
10303	Sending and Retrieveing DICOM
10304	Setting up the hosts table
10305	Creating, editing, and deleting servers
10306	Creating, editing, and deleting storage destination entries
10307	Testing the connection
10308	Posing queries and retrieving images
10309	Receiving and sending image files
10310	Displaying and editing DICOM tag information
10311	Protecting patient privacy using Anonymize
10312	Converting non-DICOM image files to DICOM format
10313	To display an image dataset in the DICOM browser
10314	To adjust image contrast and brightness in the DICOM browser
10315	To open selected images in the image dataset in the DICOM browser
10316	To view another image dataset in the DICOM browser
10317	To create a movie from the image dataset
10318	To create servers in the Server panel
10319	To edit servers in the Servers panel
10320	To delete servers
10321	To select a default server

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MAP IDs	Online Help
10322	To create storage destinations
10323	To edit storage destinations
10324	To delete storage destinations
10325	To select a default storage destination
10326	To test the connection
10327	To resolve connection errors
10328	To pose queries
10329	To erase the query
10330	To view information at different levels
10331	To sort the query result list
10332	To retrieve images
10333	To sort the query retrieval information
10334	To cancel the retrieval
10335	To receive image files
10336	To send image files
10337	To display the DICOM tags in an overlay over the image
10338	To choose which DICOM tags appear in the overlay
10339	To remove the DICOM tag overlay from the image
10340	To edit DICOM tag information
10341	To anonymize the current DICOM image
10342	To anonymize any image dataset
10343	To convert a non-DICOM image file to DICOM
New DICOM Topic IDs added by OV	
DICOM000	DICOM browser interface summary
DICOM001	Displaying an image dataset in the DICOM browser
DICOM003	To adjust image contrast and brightness in the DICOM browser
DICOM005	Set AVI options dialog box
DICOM007	Choose type of AVI file dialog box
DICOM009	Selecting all rows (slices)
DICOM0010	To configure columns in the DICOM browser

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MAP IDs	Online Help
DICOM0012	Connecting to a DICOM device
DICOM0014	Create Server dialog box
DICOM0016	Edit Server dialog box
DICOM0018	Create/Edit Storage destination dialogs
DICOM0030	In the Select DICOM Tag for Overlay dialog box
DICOM0032	DICOM Overlay Options dialog box
DICOM0034	Select DICOM Tag for Overlay dialog box options
DICOM0036	Info dialog box (DICOM)
Anonymize DICOM Directory dialog	
DICOM0040	Anonymize DICOM Directory
DICOM0042	Anonymize DICOM Directory dialog - Directory page
DICOM0044	Anonymize DICOM Directory - Tag Options page
DICOM0046	Anonymize DICOM Directory - Logging page
DICOM Communication Panel dialog box	
DICOM0020	QR Client tab
DICOM0022	Send tab
DICOM0024	Hosts tab
DICOM0026	Help tab
Attributes to Save dialog box	
DICOM050	Attributes to Save dialog box options
DICOM052	Required page
DICOM054	Patient page
DICOM056	Study page
DICOM058	Series page
Save a range of slices dialog box	
DICOM060	Save a range of slices (this dialog should not have the online help, but I assigned this TopicID just in case. OV)
User's Guide, Volume 1, Chapter 6, Visualizing Images	
10400	Visualizing Images

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MAP IDs	Online Help
10401	Displaying images using the default view
10402	Magnifying and minifying images
10403	Working with the magnifying glass
10404	Viewing two images together
10405	Comparing images using alphablending
10406	Viewing portions of images using the checkerboard
10407	Changing image brightness and contrast using LUTs
10408	Applying predefined LUTs to images
10409	Adjusting contrast using the transfer function
10410	Displaying images using the animate view
10411	Adjusting dataset display
10412	Adjusting the brightness and contrast in images
10413	Removing slices from image datasets
10414	Playing a dataset "film"
10415	Displaying images using the cine (movie) view
10416	Displaying images using the lightbox view
10417	Adjusting the lightbox view
10418	Repainting (updating) the lightbox
10419	Displaying images using the link to another image view
10420	Displaying images using the triplanar view
10421	Displaying image datasets in triplanar view
10422	Designating new center points for image datasets
10423	Aligning image datasets
10424	Creating, modifying, and deleting point VOIs
10425	Cropping images
10426	Changing the intensity
10427	Displaying images using the triplanar-dual view
10428	Showing and hiding axes, cross hairs, and Talairach grid
10429	Creating VOIs on images
10430	Aligning the datasets

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MAP IDs	Online Help
10431	Finding the center of image datasets
10432	Erasing part or all of drawings
10433	Cropping images
10434	Magnifying or minifying images
10435	Drawing on images
10436	Displaying images using the surface plotter view
10437	Displaying images using the surface renderer view
10438	Displaying images using the volume shear view
10439	Displaying images using the volume renderer view
User's Guide, Volume 1, Chapter 7, Segmenting Images Using Contours and Masks	
10500	Chapter 7, Segmenting Images Using Contours and Masks
10501	Understanding contours and masks
10502	Using contours to segment a VOI
10503	Drawing contours
10504	Contouring structures automatically
10505	Contouring structures manually
105050	To draw point VOIs
105051	To create VOIs with a straight line
105052	To create 2D rectangular VOIs
105053	To create 3D rectangular VOIs
105054	To create ellipsoidal VOIs
105055	To create polyline (segmented line) VOIs or closed polygon VOIs
10506	Contouring structures interactively
10507	Modifying contours
10508	Repositioning contours
105080	To reposition a single contour
105081	To reposition a group of contours
10509	Resizing contours
105090	To turn the bounding box on
105091	To resize contours

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105092	To turn the bounding box off
10510	Reshaping a contour
105100	To add anchor points
105101	To reposition anchor points
10511	Trimming VOI anchor points
105110	To trim anchor points
10512	Grouping and ordering contours
10513	Grouping contours
105130	To change the group with which a contour is affiliated
105131	To change group properties
10514	Ordering contours
105140	To fill contours
105141	To reorder contours
10515	Copying, Cutting, and Pasting VOIs
105150	To undo a VOI
105151	To cut a VOI
105152	To copy a VOI
105153	To paste a VOI
105154	To copy multiple VOIs to the next or previous slice in the dataset
10516	Deleting VOIs
105160	To delete a VOI
10517	Saving and opening VOI files
105170	To save a single VOI as a text file
105171	To save multiple VOIs
105172	To open saved VOI files
10518	Generating masks
10519	Manually creating a mask using paint
10520	Step 1, Selecting the paint intensity level
105200	To select the intensity level using the Eyedropper tool
105201	To select the intensity level using desired paint intensity

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10521	Step 2, Selecting a paint color
105210	To select a color from one of the 310 color swatches
105211	To select a color using the HSB model
105212	To select a color using the RGB model
10522	Step 3, Adjust the opacity level of the paint
105220	To change the opacity level
10523	Step 4, Apply paint
105230	To paint on the image
105231	To erase paint from a specific area
105232	To erase all paint on an image
10524	To paint on the image
10525	Step 5, Commit
10526	Creating a mask using the paint grow segmentation method
105260	To create a mask using the Paint Grow button
105261	To correct the mask
105262	To convert a contoured VOI to a binary mask
105263	To convert a contoured VOI to a short mask
105264	To convert a contoured VOI to a paint mask
105265	To convert a mask to an image with VOIs
10527	Converting VOI contours to masks
10528	Converting masks to VOI contours
User's Guide, Volume 1, Chapter 8, Analyzing Images	
10600	Chapter 8, Analyzing Images
10601	Calculating statistics for contoured VOIs
106010	To select the type of statistics to calculate
106011	To view the statistics
106012	To save the statistics
10602	Calculating statistics on VOI groups
10603	To calculate statistics on VOIs
10604	To exclude a range of pixels from the calculations

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10605	To save the calculations to a specific file
106050	To use the calculations in a database application
106051	To rearrange the columns in the logging table
106052	To compare statistics
10606	To clear, or delete, all of the statistics on the Logging page
10607	To overwrite logging files automatically
10608	Calculating the volume of masks
10609	To calculate the volume of masks
10610	To view the information
10611	To save the information
10612	Generating graphs
10613	Generating contour VOI graphs
10614	To generate 2D contour VOI graphs
10615	To generate 3D contour VOI graphs
10616	Generating intensity graphs
10617	To generate 2D intensity graphs
10618	To generate 3D intensity graphs of all slices in a dataset at a specific point
10619	To generate 3D intensity graphs of specific areas
10620	Customizing the appearance of graphs
10621	To display or hide the points, or tick marks, on graphs
10622	To display or hide the gridlines on graphs
10623	To change the number of gridlines in graphs
10624	To change the graph title and the labels on the X and Y axes
10625	To change the background color of graphs
10626	To reset graphs to their original background colors
10627	Changing the legends for functions
10628	To display or hide legends
10629	Changing the appearance of functions
106290	To display or hide the points on functions
10630	To display or hide functions

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10631	To change the color of functions
10632	To reset functions to their original colors
10633	Modifying functions on graphs
10634	Opening, saving, printing, and closing graphs
10635	To open previously saved graphs
10636	To save contour VOI graphs or intensity graphs
10637	To print contour VOI graphs or intensity graphs
10638	To close graphs
User's Guide, Volume 1, Chapter 10, Using Scripts (Macros) in MIPAV	
10700	Chapter 10, Using Scripts (Macros) in MIPAV
10701	Using scripts
10702	Displaying the scripting toolbar
10703	Creating scripts
10704	Running scripts
10705	Editing and deleting scripts
10706	Combining scripts and other programs
10707	Using the mipav command
10708	Syntax of the mipav command
10709	Using Shell scripting to lessen typing
10710	To select a scripts home
10711	To create scripts using the active mode
10712	To create scripts using the group mode
10713	To stop recording scripts during creation
10714	To run scripts from the scripting toolbar
10715	To run scripts from the File menu (group mode)
10716	To edit scripts during creation
10717	To edit previously created scripts
10718	To delete scripts
10719	To display help for using the mipav command
10720	To open a DICOM image dataset

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10721	To open VOIs into that image
10722	To open multiple images using compound commands
User's Guide, Volume 1, Chapter 1, Introducing MIPAV	
10800	Chapter 1, Introducing MIPAV
10801	Platform independence
10802	Supported image types
10803	Visualization of images
10804	Volume of interest (VOI) segmentation and analysis
10805	Extensibility with Java plug-ins
10806	Sampling of MIPAV's features
User's Guide, Volume 1, Chapter 2, Installing MIPAV	
10850	Chapter 2, Installing MIPAV
10851	Understanding the system requirements
10852	Installing MIPAV
10853	Subscribing to the e-mail list and searching the archive
10854	Viewing a list of enhancements and corrections made to the current version of MIPAV
10855	Removing MIPAV
10856	Upgrading MIPAV
User's Guide, Volume 1, Chapter 11, Developing Plug-in Programs	
10900	Chapter 11, Developing Plug-in Programs
10901	Understanding plug-in programs
10902	Developing plug-in programs
10903	Installing plug-in programs
10904	Removing plug-in programs

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
User's Guide, Volume 1, Appendix A, DICOM Conformance Statement 456	
10950	Appendix A, DICOM Conformance Statement 456
User's Guide, Volume 1, Appendix B, Technical Information 482	
11000	Appendix B, Technical Informaiton 482
11001	Understanding MIPAV-generated files
11002	Troubleshooting
User's Guide, Volume 1, Appendix C, References	
110050	Appendix C, References
Plug-in Programs	
13000	Using MIPAV to Label and Measure Brain Components in Talairach Space
13001	Installing the Talairach Transform and Fantasm plug-in programs and Talairach atlas
13002	Labeling and measuring brain components in Talairach space
13003	Task 1, Performing a semimanual transformation on datasets to the Talairach coordinate system
13004	Task 2, Applying Talairach VOIs
13005	Task 3, Segmenting the original image (this section discusses FANTASM)
13006	Task 4, Transforming Talairach image and VOIs to the original image
13007	Task 5, Copying VOIs to segmented images
13008	Task 6, Calculating statistics on VOIs
13010	Talairach Transform dialog box
13012	FANTASM dialog box

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
New Map IDs added by O.V.	
19001	Extract Surface (Marching Cubes) Algorithm
19002	Extract Surface (Marching Cubes) main topic
19003	Microscopy: Blind Deconvolution Algorithm
19004	Microscopy: Blind Deconvolution main topic
19005	Shading Correction Inhomogeneity N3 Correction main topic
19006	Shading Correction Inhomogeneity N3 Correction algorithm applying
19008	Histogram Matching main topic
19010	Histogram Matching main dialog box
19012	Face Anonymizer (BET) main topic
19014	Face Anonymizer (BET) main dialog box
19016	Registration: B-Spline Automatic Registration 2D/3D -- Single-Pass
19018	Registration: B-Spline Automatic Registration 2D/3D -- Two-Pass
19020	Registration: B-Spline Automatic Registration 2.5D -- Single-Pass
19022	Registration: B-Spline Automatic Registration 2.5D -- Two-Pass
19024	Registration: B-Spline Automatic Registration main topic
19040	Transformation tools: Transform to Power of 2, Resample dialog
19042	Transformation tools: Transform to Power of 2 main topic
19050	Histogram Tools: Histogram Two Dimensional main topic
19052	Histogram Tools: Histogram Two Dimensional - Grayscale images dialog
19054	Histogram Tools: Histogram Two Dimensional - Color images dialog
19056	Maximum Intensity Projection - main topic
19058	Applying Maximum Intensity Projection algorithm
10046	Registration: Manual 2D Series
10047	Registration: Manual 2D Series: Applying the algorithm to 2D Images
19060	Registration: Manual 2D Series: Blended tab
19062	Registration: Manual 2D Series: Dual tab
19064	Registration: Manual 2D Series: Applying the Manual 2D Series algorithm to 2.5D images

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
19066	Registration: Manual 2D Series: Applying the Manual 2D Series algorithm to 3D images
19068	Utilities: Image Calculator main topic
19070	Utilities: Image Calculator dialog box
19072	Utilities: Image Calculator>Advanced>Enter Advanced Operation dialog box
19074	Algorithms: Segmentation: Threshold
OAR, Constrained OAR, Midsagittal Line alignment, Pixel Similarity, Brute Force	
OAR19076	Optimized Automatic Registration dialog box
OAR19078	Advanced OAR settings dialog box
OAR2D80	Optimized Automatic Registration 2D dialog box options
OAR2D801	Advanced OAR settings
BForce802	Brute Force
Mosaic800	Mosaic Registration
MSLA002	Midsagittal Line alignment
PS19080	Display Pixel Similarity Cost Function
OARC810	Applying the Constrained Algorithm OAR 3D
SRB BIRN	
20004	MIPAV Options: SRB
20000	Connect to
20010	Transfer files to (SRB<->MIPAV transfer)
20020	Setup the NDAR Pipeline
NDAR Image Submission Package Creation Tool	
20040	NDAR Image Submission Package Creation Tool
ISPMain01	NDAR Image Submission Package - Main tab
ISPImages01	NDAR Image Submission Package - Images tab
ISPGUID01	NDAR Image Submission Package - GUID tab
ISPLog01	NDAR Image Submission Package -Log tab
MIPAV Utilities MAP IDs	
U4001	Convert from 3D to 4D

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
U4003	Extract 3d subset
U4005	Remove time volumes
U4007	To swap the third and fourth dimencions
U4008	Convert 4d to RGB
U4009	Add Image Border
U4011	Clone command
U4013	Convert Image Type
U4015	Concatenate-> RGB
U4017	RGB->Gray
U4018	To save DICOM images as XMI files
U4019	Save range of slices
U4021	Crop
U4023	Crop Boundary Pixels
U4025	Fill image
U4027	Flip Image
U4029	Image Calculator
U4031	Image Calculator>Enter Advanced Operator dialog box
U4033	Image Math
U4035	Invert Image
U4037	Match Images
U4038	Maximum Intensity Projection
U4039	Additive noise
U4041	Pad
U4043	Quantify
U4045	Replace Pixel/Voxel Value
U4047	Rotating Images
U4049	Concatenate Images
U4051	Extract slices/volumes
U4053	Insert missing slices
U4055	Insert slice

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
U4057	Padding images (Pad images to power of 2)
U4058	Randomizing image (slice) order
U4059	Remove slices
U4061	Replace blanks with averages
U4062	Replace Slice
U4063	Subtract VOI Background
U4065	Inverting the order of images
U4070	Utilities: Image Calculator-Bulk Images
Topics that moved from Utilities to Algorithms	
10067	Subsampling images (Subsample command)
100670	To subsample images
A3001	Applying Histogram Summary
A3002	HIstogram Summary dialog box
Quick Start Topic IDs	
QS5008	Choose Image Filter (Image Browser)
QS50101	Open files (To open an image file or multifiles)
QS5010	Magnification dialog box
QS5012	Lookup Table dialog box
QS5014	Raw dialog box
QS5016	Evolve boundary dialog box
QS5018	VOI Statistics dialog box
QS5020	Annotation dialog box
QS5022	Calculate Statistics on VOI groups (Statistics generator)
QS5024	Capture Screen dialog box
QS5026	Attributes to save (MINC format)
VOI Topic IDs	
QS5018	VOI Statistics dialog box
QS5016	Evolve boundary dialog box
QS5022	Calculate Statistics on VOI groups (Statistics generator)

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
Image Basics map IDs	
Info603	Info dialog box
Image Attributes dialog box	
IA0001	Image Attributes dialog box - General tab
IA0002	Image Attributes dialog box - Resolutions tab
IA0003	Image Attributes dialog box - Orientation/Origin tab
IA0004	Image Attributes dialog box - Transform matrix tab
IA0005	Image Attributes dialog box -Talairach tab
Paint tools	
PT0001	Advanced paint
PT0003	Multiple paint tools dialog box
PT0005	Power Paint
PT0007	Paint Power Tools dialog box
VOI	
VOI010	Evolve Boundary dialog box
Edge Detection Algorithms	
Edge020	EdgeLap dialog box
Edge022	EdgeNMSuppression dialog box
Histogram tools	
A3001	Applying Histogram Summary
19050	Histogram Tools: 2DHistogram main topic
19052	Histogram Tools: 2DHistogram - Grayscale images dialog
19054	Histogram Tools: 2DHistogram - Color images dialog
Hist010Cum	Cumulative Histogram
10028	Histogram Equalization: Regional Adaptive

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
10050	Histogram Equalization: Neighborhood Adaptive
19008	Histogram Matching main topic
19010	Histogram Matching main dialog box
A3002	Histogram Summary dialog box
Morphology	
Mor001	Background Distance map
Mor002Dil	Dilation
Mor002Dil0	Applying the dilation
Mor003Er	Erosion
Mor003Er1	Applying the erosion
Mor004Op1	Applying the opening
Mor004OP	Open
Mor004OP1	Apply Open
Mor005CI	Close
Mor004OP1	Apply Open
Mor005CI1	Applying the closing
Mor006Del	Apply Delete Objects
Mor007DM	Apply Distance map
Mor008ES	Apply Evaluate Segmentation
Mor009FH	Apply Fill Holes
Mor010FE	Apply find Edges
Mor011IDO	Apply ID Objects
Mor012PA	Apply Particle Analysis
Mor012PA1	Particle Analysis Dialog box
Mor014Skel	Apply Skeletonize
Mor015UE	Apply Ultimate Erode
Mor017MF	Apply Morphological filter
Mor019Skel 3D	Applying Skeletonize 3D
Standard Deviation Threshold	

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
StDev001	Applying the algorithm to grayscale images
StDev003	The Threshold Using Standard Deviation dialog box options for grayscale images:
StDev005	Applying the algorithm to RGB images
StDev007	The Threshold Using Standard Deviation dialog box options for RGB images:
Transformation tools	
Barr010	Barrel/pincushion distortion correction dialog box
Transform	
Transform010	Transforming images
Resample010	Resampling images
19040	Transformation tools: Transform to Power of 2, Resample dialog
19042	Transformation tools: Transform to Power of 2 main topic
TransNon10	Transformation tools: Transform nonlinear
TrCSRec10	Transformation tools: Circular Sector to Rectangle
Displaying images using the surface plotter view. From Volume 1	
10436	Surface Plotter
SPV001Menu	Surface Plotter – Menu
SPV002SI	Surface Plotter – Slider tab
SPV002View	Surface Plotter – View tab
SPV003M	Surface Plotter – Mouse tab
SPV004C	Surface Plotter – Camera tab
SPV004B	Surface Plotter – Box tab
Registration algorithms	
OAR19076	Optimized Automatic Registration dialog box
OAR19078	Advanced OAR settings dialog box

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
OAR2D80	Optimized Automatic Registration 2D dialog box options
OAR2D801	Advanced OAR settings (2D)
BForce802	Brute Force
Mosaic800	Mosaic Registration
MSLA002	Midsagittal Line alignment
PS19080	Display Pixel Similarity Cost Function
OARC810	Applying the Constrained AlgorithmOAR 3D
Muscle Segmentation	
MS00001	Applying the Muscle Segmentation method
MS00010	Thigh tab
MS00020	Bone tab
MS00030	Muscles tab
MS00040	Analysis tab
MS00050	Abdomen tab
MS00060	Tissue tab
MS00070	VOI tab
MS00080	Analysis tab
MS00090	Muscles tab
DTI Module	
DTI00001	Applying DTI Color Display
DTI00010	DTI Create List File
Microscopy	
19003	Microscopy: Blind Deconvolution algorithm
19004	Microscopy: Blind Deconvolution main topic
10083	Microscopy: FRAP
10084	Microscopy: FRAP: Applying the algorithm
10094	Microscopy: FRET
10095	Microscopy: FRET Bleed Through

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
10096	Microscopy: FRET Bleed Through: Applying the Algorithm
10097	Microscopy: FRET Efficiency
10098	Microscopy: FRET Efficiency: Applying the Algorithm
10099	Microscopy: FRET Bleed Through and Efficiency Algorithms (combined)
XCOSM01	Microscopy: Restoration > X_COSM
10052	Microscopy>Colocalization> Orthogonal: Applying the algorithm
Segmentation	
WShed10	Segmentation>Watershed
VOI map IDs	
QS5018	VOI Statistics dialog box
QS5022	Calculate Statistics on VOI groups (Statistics generator)
QS5016	Evolve boundary dialog box
10804	Volume of interest (VOI) segmentation and analysis
10612	Generating graphs
10613	Generating contour VOI graphs
10614	To generate 2D contour VOI graphs
10615	To generate 3D contour VOI graphs
10636	To save contour VOI graphs or intensity graphs
10637	To print contour VOI graphs or intensity graphs
13004	Task 2, Applying Talairach VOIs
13005	Task 3, Segmenting the original image (this section discusses FANTASM)
13006	Task 4, Transforming Talairach image and VOIs to the original image

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
13007	Task 5, Copying VOIs to segmented images
13008	Task 6, Calculating statistics on VOIs
U4063	Subtract VOI Background
Smooth01	Smooth VOI
105050	To draw point VOIs
105051	To create VOIs with a straight line
105052	To create 2D rectangular VOIs
105053	To create 3D rectangular VOIs
105054	To create ellipsoidal VOIs
105055	To create polyline (segmented line) VOIs or closed polygon VOIs
10227	Delineating volumes of interest (VOIs)
10228	Generating contour VOIs using predefined shapes
102280	To generate contour VOIs using the predefined shapes
10229	Adding and moving boundary points on VOIs
102290	To add a point and change the boundary of the VOI
10230	Automatically adjusting contour boundaries
102300	To adjust contours
10231	Calculating VOI statistics
102310	To calculate VOI statistics
10232	Using VOI properties
10233	Using the Statistics Generator
10234	Selecting VOI and save options
102340	To select VOIs
102350	To select statistics to perform on VOIs
10236	Reviewing the statistics
10424	Creating, modifying, and deleting point VOIs
10501	Understanding contours and masks

Table 1. MAP IDs for Online Help 8/1/08

MAP IDs	Online Help
10502	Using contours to segment a VOI
105050	To draw point VOIs
105051	To create VOIs with a straight line
105052	To create 2D rectangular VOIs
105053	To create 3D rectangular VOIs
105054	To create ellipsoidal VOIs
105055	To create polyline (segmented line) VOIs or closed polygon VOIs
GroupStat 001	Calculating statistics on VOI groups
Autocor001	Autocorrelation coefficient
Autocovar0 1	Autocovariance coeff
FilFr010	Filters Frequency
Transform: Conformal Mapping Algorithms	
CMSR001	Circular Sector to Rectangle
CMEC001	Ellipse to Circle algorithm
CMNCC001	Nearly Circle to Circle algorithm
CMCR001	Circle to Rectangle algorithm
Filters Wavelet	
WBLSGSM0 1	Applying the Wavelet BLS GSM algorithm
WThresh01	Applying the Wavelet Thresholding algorithm