

From: "Hester Breman" <H.Breman@BrainVoyager.com>
Subject: **Re: NIFTI geometry sub committee: The next meeting**
Date: September 15, 2005 5:45:54 PM EDT
To: "Ziad Saad" <ziad@nih.gov>
Cc: "David Van Essen" <vanessen@brainvis.wustl.edu>, "Bruce Fischl" <fischl@nmr.mgh.harvard.edu>, "David Keator" <dbkeator@uci.edu>, "Dimitri Papadopoulos-Orfanos" <papadopo@shfj.cea.fr>, "Simon Warfield" <warfield@bwh.harvard.edu>, <csilva@cs.utah.edu>, "Peter Kochunov" <kochunov@uthscsa.edu>, "Stephen Strother" <sstrother@rotman-baycrest.on.ca>, "Huerta, Michael \ (NIH/NIMH)" <mhuert1@mail.nih.gov>, "Saad, Ziad S. \ (NIH/NIMH)" <saadz@mail.nih.gov>, "Cox, Robert W. \ (NIH/NIMH)" <robertcox@mail.nih.gov>, "Liu, Yuan \ (NIH/NINDS)" <liuyuan@ninds.nih.gov>, <R.Goebel@psychology.unimaas.nl>, <john@fil.ion.ucl.ac.uk>
 2 Attachments, 175 KB

Dear NIFTI-DFWG (geometry sub committee) members,

Thank you for the report about the meeting in April that I received from Ziad.

From the report I understand that most of the members prefer an XML-ish format. In the next meeting, members should contribute attributes for the surface format.
I downloaded the XML-GIFTI surface files and had a look at them. It should be possible to bring a list of attributes for the next meeting.

Niko Kriegeskorte has sent you a description of the file formats for surfaces used in BrainVoyager before the meeting in April. To summarize this, in BrainVoyager, the following data associated with surfaces are important:

- using surface for computation and visualization of statistical

tests based on mesh time courses (*.mtc) and patches of interest (*.poi)

- using cortex-based alignment (image registration based on

folding pattern)

- computation and display of cortical thickness maps
- display of EEG/MEG source reconstruction models
- display of reconstructed fibers (from DTI data)

All surface families (sphere, flattened surface, etc.) mentioned in the email can be stored in the surface format (*.srf). See also the box in the attached figure for an overview of the surface formats.

Concerning the proposed conference call, this is a good idea but I'm not sure whether this is easily realizable. Would it be possible to communicate by email and meet in October?

Sincerely,

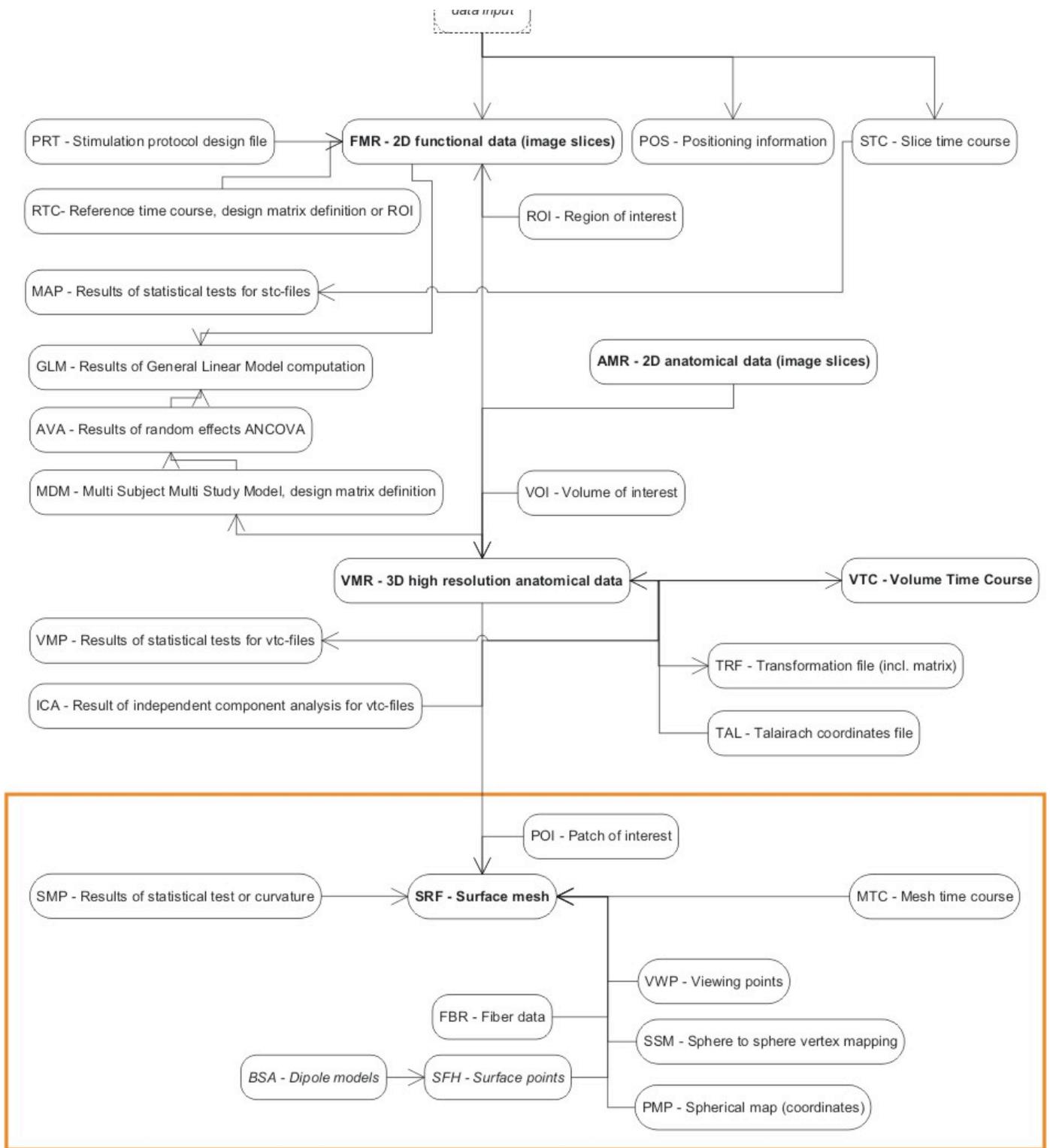
Hester Breman
Brain Innovation

BrainVoyager QX File Formats

EXPERIMENTAL DESIGN & STATISTICS

data input

IMAGING DATA & TRANSFORMATIONS



[ATT1389218.txt \(6.7 KB\)](#)