

the sample files can be downloaded here.]] \* data: \* sub 01 cmz \* sub 02 cmz \* sub 03 cmz \* scripts: \* tag.v3s (example script that can be used to tag the files) \* tag\_loop.v3s (example script that can be used to tag the files using a for\_each loop) \* overlay.v3s (example script that can be used to overlay the report template with another subject) \* overlay\_loop.v3s (example script that can be used to overlay the report template with another subject using a for\_each loop) \* report templates: \* report\_template\_all\_files.rgt \* report\_template\_sub\_01.rgt ===== prepare the workspace ===== the first step is to load the data. it's recommended that you use the cmo library to view multiple cmz files at once. many users simply choose to do a file -> open if they're viewing two small files. this option works for smaller data sets, but it's really recommended to use the cmo library instead. ===== view files using the cmz library ===== - \*\*cmo library -> set cmo library path\*\* - select \*\*..comparing data sets\data folder\*\* - click \*\*ok\*\* - \*\*cmo library -> browse cmo library\*\* - select \*\*yes\*\* [[visual3d:documentation:definitions:cmo\_library\_#load\_the\_cmo\_library|more detailed instructions to load the cmo library can be found here]]. ===== tag files ===== |\*\*once the data is loaded in the workspace, create three tags:\*\*\ \ \*\*\*\*\ \ - sub\_01\ \ - sub\_02\ \ - \*\*sub\_03\*\* | comparedatasets\_tags.png | \*\*there are a few ways to create tags:\*\* (choose one method of the following) - [[visual3d:documentation:definitions:tag#creating\_tags:|manually add tags]] to the files or use the pipeline. - use the [[visual3d:documentation:pipeline:file\_commands:assign\_tags\_to\_file|assign\_tags\_to\_file]] command to assign tags to subjects based on the filename. this can be done using the provided \*\*tag.v3s file\*\*. - using the [[visual3d:documentation:pipeline:pipeline\_commands:for\_each\_and\_end\_for\_each|for\_each]] command, you can loop over all the subjects in your workspace to create individual tags for them. this can be done using the provided \*\*tag\_loop.v3s file\*\*. ===== graph data ===== once the data has been loaded and tagged, create a report template that plots the data. ===== 1. change report template to plot sub\_01 tag ===== a. \*\*open a report template\*\* that plots the signals you are interested in viewing (ex. open provided \*\*report\_template\_all\_files.rgt\*\*) b. change the tag from all\_files (or whatever you're currently plotting) to one of the tags you want to plot (ex. sub\_01) and set the line color to the same for both the right and left sides. a. \*\*search/replace\*\*: |a1. old file tag: \*\*all\_files\*\*\ \ a2. new file tag: \*\*sub\_01\*\*\ \ a3. click \*\*"add>>"\*\*\ \ a4. old line color: \*\*#109900\*\*\ \ a5. new line color: \*\*purple\*\*\ \ a6. click \*\*"add>>"\*\*\ \ a7. old line color: \*\*#990000\*\*\ \ a8. new line color: \*\*purple\*\*\ \ a9. click \*\*"add>>"\*\*\ \ a10. select \*\*"entire report"\*\*\ \ a11. click \*\*"replace"\*\* | comparedatasets\_searchreplace.png | d. \*\*save report template\*\* (ex. report\_template\_sub\_01.rgt) ===== 2. overlay other subject's data ===== \*\*the step to overlay the subject data can be done manually (as described below), or using the pipeline\*\* (ex. provided scripts from download overlay.v3s or overlay\_loop.v3s). a. overlay sub\_02 on top of sub\_01 a. \*\*overlay report\*\*: |a1. page no: all\_pages\ \ a2. identifier type: tag\_name\ \ a3. identifier value: sub\_01\ \ a4. new tag: sub\_02\ \ a5. new color: blue | comparedatasets\_overlay.png | b. overlay sub\_03 on top of sub\_01 a. \*\*overlay report\*\*: a1. page no: \*\*all\_pages\*\* a2. identifier type: \*\*tag\_name\*\* a3. identifier value: \*\*sub\_01\*\* a4. new tag: \*\*sub\_03\*\* a5. new color: \*\*cyan\*\* c. display the tag name in the legend of the report } } } }

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