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This is the folder structure that shows up on the local side (on your computer). You make changes, create images, PDFs, csv files on the local end and then upload them to the server side where it is updated online. This specific folder structure is used primarily for the generate_pdf.py script to work, however, if you want to adjust the folder structure just make sure to make the according edits to tell generate_pdf.py where to look for each file.

VMR_Project

vmr-background

- **BackgroundAll.docx** - word document with all the background blurbs for all anatomy, disease, and procedures. I used this when originally writing the descriptions since it's easier to work in Word than directly with the csv files.
- **BackgroundAnatomy.csv** - the text blurbs for all the anatomies in the VMR. Is used when generating the PDF document for each model.
- **BackgroundDisease.csv** - the text blurbs for all the diseases in the VMR. Is used when generating the PDF document for each model that has a disease.
- **BackgroundProcedure.csv** - the text blurbs for all the procedures in the VMR. Is used when generating the PDF document for each model that has a procedure.

vmr-dataset

- **dataset-abbreviation.csv** - csv file downloaded from the abbreviations tab of dataset Google Sheets. Includes the abbreviations for all the anatomies and diseases and is used when creating the graphs and figures for the statistics page on the VMR website.
- **dataset-diseaseTree.csv** - csv file downloaded from the diseaseTree tab of dataset Google Sheets. Represents the hierarchy of diseases that is used when displaying the diseases filtering section on the VMR website.
- **dataset-svprojects.csv** - large important csv file that includes all the pertinent information about a model such as age, sex, anatomy, disease, etc. Is used when generating the PDF document for each model and by the website to display the models and all relevant information
- **dataset-svresults.csv** - large important csv file that includes all the pertinent information about a model's simulation results. Is used by the website when displaying the details of the result files.

vmr-clinical_data

- **0001_H_AO_SVD_ClinicalData.csv … 0220_H_CERE_CA_ClinicalData.csv** - csv files that include any clinical data about the patient. Is used when generating the PDF document for each model

- **move_clinical_data.py** - a simple Python script that is run on the server side to move all the clinical data csv files from the vmr-clinical_data directory into their respective model files in the svprojects directory.

vmr-images

- **0001_H_AO_SVD_ClinicalData.png … 0220_H_CERE_CA_ClinicalData.png** - the image files of every single model with transparent background and the same texture applied to each model. Is used when displaying the model image on the VMR website and when generating the PDF document for each model.
- **model.pvsm** - the load state file used in Paraview to load the same texture when generating the image for each model.

vmr-pdfs

- **0001_H_AO_SVD_ClinicalData.pdf … 0220_H_CERE_CA_ClinicalData.pdf** - the PDF documents for each model with every single information about the model. Can be downloaded from the VMR website
- **generate_pdf.py** - the Python script to automatically generate the PDF document with all the details for each model. Requires files from vmr-background, vmr-dataset, vmr-clinical_data, and vmr-images to generate.
- **move_pdf.py** - effectively does the same thing as move_clinical_data.py, but for PDFs. Run on the server side to move all the PDF files from the vmr-pdfs directory to their respective model files in the svprojects directory.