

A Case for a NuMI-X Samweb Server

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NuMI Flux Files and Samweb

- Previously every experiment had its own selection of flux files, with the very latest generation of files starting to arrive in nusoft
- Metadata about the files generation, parentage, input parameters etc. are all stored as some combination of file path and filename, with the standards for these naming conventions changing as a function of time within individual experiments
- Ideally we would permanently and clearly store all that information for each file, and create flux datasets representing the best possible modeling of a given run period with a given MC generator
- The obvious tool for this is sam, we'd have to ask for our own server or co-opt an existing one and agree on some way to generate unique filenames, but the ultimate savings in manpower's are likely vast
- Now seems like a perfect time, as we start to roll out Robert's universal flux file scheme
- Art/Robert what do you think?

