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function Call_convert_code(subj_name,blocknums)

%subj_name ='YBY';
%blocknums=block to convert (in numbers)
%e.g. blocknums=[12:23];

%assumes you stored data in usual folder structure
folder_path= ['C:\Users\Public\' subj_name 'Datafile\'];

for kk=blocknums

    %move the converted files to a subfolder based on block number
    destination_folder_path = [sprintf('%s%.3d',folder_path, kk) '\'];
    if ~isdir(destination_folder_path)
        mkdir(destination_folder_path)
    end

    % are there two NSPs (ch >128) or only one?

    if exist([folder_path sprintf('%sDatafile2%.3d', subj_name ,kk) '.nev'],'file')

        %if there are >128 channels: YBYDatafile1xxx and YBYDatafile2xxx

        %NSP1 - conversion code
        generateMatFilesSync(sprintf('%sDatafile1%.3d',
subj_name ,kk),folder_path,destination_folder_path)
        %move the nev files in the subfolder
        [~,~]=movefile([folder_path sprintf('%sDatafile1%.3d', subj_name ,kk)
'.'],destination_folder_path);

        %NSP2 - conversion code
        generateMatFilesSync(sprintf('%sDatafile2%.3d',
subj_name ,kk),folder_path,destination_folder_path)
        [~,~]=movefile([folder_path sprintf('%sDatafile2%.3d', subj_name ,kk)
'.'],destination_folder_path);

    elseif exist([folder_path sprintf('%sDatafile%.3d', subj_name ,kk) '.nev'],'file')

        %if there are <=128 channels: YBYDatafilexxx

        %NSP1 - conversion code
        generateMatFilesSync(sprintf('%sDatafile%.3d',
subj_name ,kk),folder_path,destination_folder_path)
        %move the nev files in the subfolder
        [~,~]=movefile([folder_path sprintf('%sDatafile%.3d', subj_name ,kk)
'.'],destination_folder_path);

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    else
        fprintf('Attention! Block %d not found in the folder! \n',kk)
    end
end
end
```