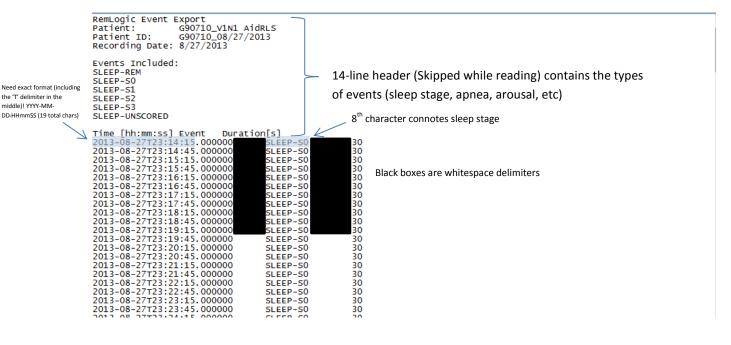
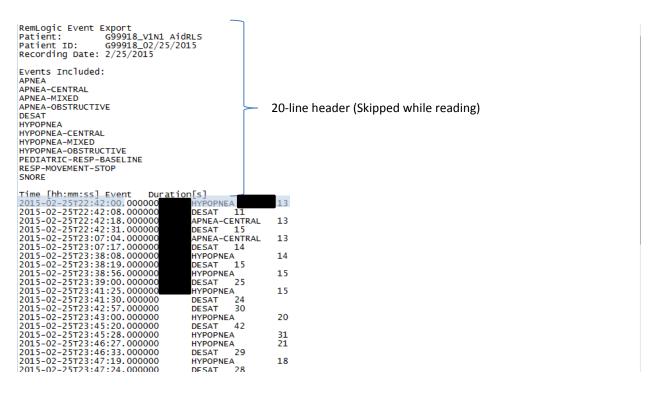
Filename must be: 'G#####_V#N# AidRLS-Events SleepStage'



Filename must be: 'G#####_V#N# AidRLS-Events Apnea'



Filename must be: 'G##### V#N# AidRLS-Events Arousal'

```
RemLogic Event Export
Patient: G99918_V1N1 AidRLS
Patient ID: G99918_02/25/2015
Recording Date: 2/25/2015
Events Included:
AROUSAL
AROUSAL-APNEA
AROUSAL-DESAT
AROUSAL-HYPOPNEA
AROUSAL-LM
AROUSAL-PLM
AROUSAL-PLM
AROUSAL-PLM
AROUSAL-PLM
AROUSAL-REFA
AROUSAL-REFA
AROUSAL-SPONT
Time [hh:mm:ss] Event Duration[s]
2015-02-25T22:20:35.000000
```

18-line header (Skipped while reading)

Time [hh:mm:ss] Event Duration[s] 2015-02-25T22:20:35.000000 ARO 2015-02-25T22:22:26.000000 ARO 2015-02-25T22:22:26.000000 AROUSAL 3 2015-02-25T2:22:26.000000 2015-02-25T22:42:12.000000 2015-02-25T23:09:35.000000 2015-02-25T23:11:56.000000 2015-02-25T23:22:47.000000 2015-02-25T23:48:17.000000 2015-02-25T23:49:29.000000 2015-02-25T23:55:58.000000 2015-02-25T23:55:58.000000 2015-02-25T23:59:36.000000 2015-02-25T23:59:36.000000 2015-02-25T23:59:36.000000 2015-02-25T23:59:36.000000 AROUSAL -RESP 1 AROUSAL AROUSAL AROUSAL AROUSAL -RESP AROUSAL-RESP AROUSAL-RESP AROUSAL-RESP AROUSAL -RESP AROUSAL-RESP 2015-02-26T00:01:33.000000 2015-02-26T00:13:33.000000 AROUSAL -RESP AROUSAL-RESP 2015-02-26T00:16:36.000000 2015-02-26T00:21:03.000000 2015-02-26T00:26:19.000000 AROUSAL-RESP AROUSAL-RESP AROUSAL -RESP 2015-02-26T00:35:00.000000 AROUSAL-RESP

If Arousal or Apnea text files are not present, the program will still run. SleepStage, however, is necessary to create the hypnogram and the program will fail without it.

Type

Upper-level directory containing folders with data exported from RemLogic

```
AidRLS, G90710_V1N1 - 8_27_2013
                                            8/5/2015 3:03 PM
                                                                File folder
 AidRLS, G39035_V1N1 - 7_30_2014
                                            8/5/2015 3:03 PM
                                                                File folder
AidRLS G23418 V1N1 - 5 28 2014
                                            8/4/2015 2:46 PM
                                                                File folder
 AidRLS, G58925_V1N1 - 1_15_2014
                                            8/4/2015 11:30 AM
                                                                File folder
 AidRLS, G88573_V1N2 - 7_25_2013
                                            7/31/2015 1:49 PM
                                                                File folder
AidRLS, G13400 V1N2 - 3 21 2013
                                            7/30/2015 10:39 AM
                                                                File folder
 AidRLS, G99918_V1N2 - 2_26_2015
                                            7/29/2015 2:04 PM
                                                                File folder
 AidRLS, G24486_V1N1 - 2_12_2014
                                            7/27/2015 10:24 AM
 AidRLS, G30490 V1N1 - 11 5 2013
                                            7/14/2015 4:25 PM
                                                               File folder
 AidRLS, G26881_V1N2 - 11_8_2013
                                            7/14/2015 4:25 PM
 AidRLS, G88832_V1N1 - 4_10_2013
                                            7/14/2015 10:28 AM
                                                                File folder
 AidRLS, G21945 V1N1 - 8 13 2013
                                            7/10/2015 5:11 PM
                                                                File folder
 AidRLS, G99918_V1N1 - 2_25_2015
                                            6/15/2015 2:04 PM
 AidRLS, G91373_V1N2 - 5_3_2015
                                            6/15/2015 2:03 PM
                                                                File folder
 AidRLS, G56789 V1N2 - 2 19 2015
                                            6/15/2015 2:01 PM
                                                                File folder
 AidRLS, G56789_V1N1 - 2_18_2015
                                            6/15/2015 2:00 PM
 AidRLS, G20877_V1N2 - 4_15_2015
                                            6/15/2015 1:59 PM
                                                                File folder
AidRLS, G07396 V1N1 - 7 25 2013
                                            4/21/2015 2:37 PM
                                                                File folder
  AidRLS, G18741_V1N2 - 9_25_2014
                                            4/21/2015 11:38 AM
 AidRLS, G09532_V1N2 - 5_30_2013
                                            4/21/2015 11:38 AM
                                                                File folder
AidRLS, G99782 V1N2 - 12 18 2014
                                            3/4/2015 10:34 AM
                                                                File folder
   AidRLS, G99514_V1N2 - 11_15_2013
                                            3/4/2015 10:34 AM
 AidRLS, G98850_V1N2 - 1_16_2013
                                            3/4/2015 10:33 AM
                                                                File folder
AidRLS, G98446 V1N2 - 6 21 2013
                                            3/4/2015 10:31 AM
                                                               File folder
   AidRLS, G94982_V1N2 - 6_11_2014
 AidRLS, G93914_V1N2 - 2_7_2014
                                            3/4/2015 10:18 AM
                                                                File folder
 AidRLS, G92037_V1N2 - 3_7_2014
                                            3/4/2015 10:17 AM
                                                                File folder
   AidRLS, G90710_V1N2 - 8_29_2013
                                            3/4/2015 10:13 AM
 AidRLS, G88832_V1N2 - 4_11_2013
                                            3/4/2015 10:12 AM
                                                                File folder
                                            3/4/2015 10:08 AM
AidRLS, G87101_V1N2 - 2_13_2014
                                                                File folder
 AidRLS, G83896_V1N2 - 9_18_2014
                                            3/4/2015 10:05 AM
 AidRLS, G81356 V1N2 - 5 8 2014
                                            3/4/2015 10:02 AM
                                                                File folder
 AidRLS, G81096_V1N2 - 4_10_2014
                                            3/4/2015 9:55 AM
                                                                File folder
 AidRLS, G80287_V1N2 - 8_30_2013
                                            3/4/2015 9:43 AM
 AidRLS, G80028 V1N2 - 6 5 2014
                                            3/4/2015 9:34 AM
                                                                File folder
 AidRLS, G78151_V1N2 - 8_27_2014
                                            3/3/2015 4:04 PM
                                                                File folder
 AidRLS, G77488_V1N2 - 6_25_2014
                                            3/3/2015 4:01 PM
                                                                File folder
 AidRLS, G76051 V1N2 - 9 12 2013
                                            3/3/2015 3:57 PM
                                                                File folder
 AidRLS, G73879_V1N2 - 7_18_2013
                                            3/3/2015 3:47 PM
 AidRLS, G73620_V1N2 - 6_26_2014
                                            3/3/2015 3:45 PM
                                                                File folder
AidRLS, G72811_V1N2 - 10_2_2014
                                            3/3/2015 3:43 PM
                                                                File folder
```

Lower-level directory with Traces.edf, SleepStage, Arousal, and Apnea (which was not recorded for this patient—the program will run without it)

<u> </u>	98446_V1N2 AidRLS-Events Arousal	3/4/2015 10:31 AM	Text Document	10 KB
G98446_V1N2 AidRLS-Events SleepStage		4/4/2014 11:32 AM	Text Document	38 KB
<u> </u>	598446 V1N2	3/4/2015 12:56 PM	MΔTI ΔR Data	609.346 KB
_	-	4/4/2014 9:46 AM		8 KB
Recording.esrc				
Traces		4/4/2014 11:31 AM	EDF File	504,620 KB
1	% NAME: Allen_Ebm_2_Matlab			
2	% FACILITY: EDF and Matlab			
3	% SEARCH:			
4	% LANGUAGE: Matlab			
5	% AUTHOR: Francis P. Sgambati			
6	% INSTITUTION: The Johns Hopkins University			
7	% DIVISION: School of Medicine			
8	% DEPARTMENT: Pulmonary and Critical Care			
9	% CENTER of Interdisiplinary Sleep Research and Education (CISRE)			
10	% CREATED: January 2014			
11	% ARGUMENTS: EDF file exported from RemLogic containing an unknown number			
13	* AKGOMENIS: EDF file exported from RemLogic containing an unknown number * of channels			
14	* OI CHARMEIS			
15	% RETURNS: A Matlab file containing a structure of the EDF data.			
16	§			
17	% MODIFIED: September, 2014			
18	*			
19	% DESCRIPTION: This program uses EDF read jhmi rev 101 to convert an EDF			
20	% file into a Matlab file. This particular script uses rules created by			
21	% CISRE which creates a unique set of idendifiers. Most notably it now is			
22	% able to accomodate additional "SIT" recordings.			
23				
24	%% This is a test environment			
25 -	clear all; close all; fclose	('all'); clc;		
26 -	tic			
27				
28	**********	*********		
29 -	ProtocolDIR = 'Y:\';	*		
30 -	modDateAfter = '5-Aug-2015 15			
31	\$	66666666666		
2.9				

ProtocolDir must be set to the upper-level directory shown on the left. All folders that were modified after modDateAfter will be converted, producing the G##### V#N# MATLAB Data file