

EEG Study Schema <?xml version="1.0" >

The left side (in bold) is the ESS XML tree structure. On the right side of the document, is a short description of the specified node and a short explanation of what should be written within the node.

<study>	: marks the beginning of the xml schema for a specific experimental study
<title></title>	: the title of the study
<description></description>	: a short description the study (e.g. explanation of study goals, experimental procedures utilized, etc.)
<project>	:information about the project under which this experiment is performed
<funding>	:information about the project funding
<organization>	:funding organization
<grantId>	:grant ID
</funding>	
</project>	
<sessions>	: information about multiple sessions
<session>	: information about individual session
<number></number>	: number identifies individual session (e.g. 1, 2, ..)
<taskLabel></taskLabel>	: indicates which task is being performed in the session (e.g. A, B, C,...) Only use this node if there are different tasks. Otherwise leave the node blank. If different tasks occur in the same session repeat the session node with a different taskLabel, and other information that may be different, such as the eegRecording node.
<purpose></purpose>	: purpose of holding session (e.g. training, testing, etc.)
<labId></labId>	: identifier of session used in original lab notes (if available, otherwise insert 'NA')
<subject>	: information about subject
<labId></labId>	: de-personalized subject identifier (if available, otherwise insert 'NA')
<group></group>	: type of subject group the subject belongs to (e.g. autistic, normal, control...)
<gender></gender>	: subject's gender
<YOB></YOB>	: subject's year of birth only
<age></age>	: subject's age (in years) at the time of recording.
<hand></hand>	: subject's dominantly used hand (R: right,L: left, or A-ambidextrous)
<vision></vision>	:can be Normal, CorrectedToNormal, Impaired
<hearing></hearing>	:can be Normal, CorrectedToNormal, Impaired
<height></height>	:height in centimeters
<weight></weight>	:weight in kilograms
<medication>	:general information on medication and other substance effects
<caffeine></caffeine>	:hours since last caffeine intake, if less than 12 hours
<alcohol></alcohol>	:whether the subject has consumed alcohol within 24 hours before the recording (Yes or

	No)
</medication>	
<channelLocations></channelLocations>	: name of file that contains the channel locations (if available)
<channelLocationType></channelLocationType>	: channel location type/standard used (one of the following: 10-20, 10-10, 10-5, EGI, custom)
</subject>	
<subject>	: if multiple subjects are recorded in one session, repeat the entire subject node with subnodes under the same session
...	
</subject>	
<channels></channels>	: number of channels used for the EEG recording (if multiple recordings choose the most representative number of channels)
<eegSamplingRate></eegSamplingRate>	: sampling rate of EEG recording (Hz) (if multiple recordings choose the most representative sampling rate)
<notes>	: node contains experiment notes
<note></note>	: experiment notes on subject, channels, etc. (if available, otherwise insert 'NA')
<linkName></linkName>	: type link name you want to show up on the html (e.g. 'More notes')
<link></link>	: name of file to extra document that corresponds to experiment notes
</notes>	
<eegRecordings>	: information about EEG recordings
<eegRecording></eegRecording>	: name of file of the EEG recording, repeat this node if there are multiple eeg recording files
</eegRecordings>	
</session>	
<session>	: if there are multiple sessions in the study, repeat session node and all its subnodes under the parent sessions node
...	
</session>	
</sessions>	
<tasks>	: information about the study context and paradigms used
<task>	: information about study context or paradigms can be organized by tasks
<taskLabel></taskLabel>	: put taskLabel only if there are multiple tasks in the study, otherwise leave it blank
<tag></tag>	: HED tag related to either context or paradigms of study (based on based on hierarchical event representation document) you can put multiple tags, separated by commas or semicolons (refer to the hierarchical event representation document for more info)
<description></description>	: provide a short description of what the tag refers to
</task>	
<task>	: only use a second task node if there are multiple tasks in the study
<taskLabel></taskLabel>	

<pre> <tag></tag> <description></description> </task> </tasks> <eventCodes> <eventCode> <code></code> <taskLabel></taskLabel> <condition> <label></label> <description></description> <tag></tag> </condition> </eventCode> <eventCode> ... </eventCodes> <summary> <recordedModalities> <modality> <name></name> <recordingDevice></recordingDevice> <numberOfSensors></numberOfSensors> <numberOfChannels></numberOfChannels> <numberOfCameras></numberOfCameras> </modality> <modality> <name></name> <recordingDevice></recordingDevice> <numberOfSensors></numberOfSensors> <numberOfChannels></numberOfChannels> <numberOfCameras></numberOfCameras> </modality> </recordedModalities> </pre>	<p>: information about event codes</p> <p>: information about specific event code</p> <p>: event code number or name</p> <p>: use this only if there are multiple tasks in the study and they use the same event codes, otherwise leave blank</p> <p>: information about the condition of the specified event code</p> <p>: provide a short label of the condition the event code refers to</p> <p>: more description of the condition, what the event is, or when the event occurs</p> <p>: event code tag, based on hierarchical event representation document, (if available, otherwise leave blank)</p> <p>: for multiple event codes repeat the eventCode node and its subnodes under the parent eventCodes node</p> <p>: summary of study information</p> <p>: contains information on the different type of modalities recorded in the study</p> <p>: name of a specific modality recorded in the study (EEG, motion capture, audio, video, etc.)</p> <p>: name or type of recording device used to acquire data; manufacturer name</p> <p>: number of sensors/LEDs used on subject for motion capture modality only</p> <p>: number of audio channels you recorded from, use for audio modality only</p> <p>: number of cameras used for recording, use for video modality only</p> <p>: for multiple modalities repeat the modality node and its subnodes under the parent recordedModalities node</p> <p>: name of a second modality recorded in the study</p> <p>: if information is not available, leave the node blank</p> <p>: if information is not available, leave the node blank</p> <p>: if information is not available, leave the node blank</p> <p>: if information is not available, leave the node blank</p>
--	--

<totalSize></totalSize>	: total size of data the study folder contains
<license>	: license information
<type></type>	: type of license used to distribute or share data (e.g. CC0 for Creative Commons)
<text></text>	: license text, shortened wording
<link></link>	: name of file that holds full licence text
</license>	
</summary>	
<publications>	: list of publications produced from the data collected in this study
<publication>	: information of specific publication
<citation></citation>	: citation of the publication
<DOI></DOI>	: DOI number of paper
<link></link>	: file name that will link to pdf, html, etc. of the publication (use if the publication does not have a DOI)
</publication>	
<publication>	: for multiple publications repeat the publication node and its subnodes under the parent publications node
...	
</publication>	
</publications>	
<experimenters>	: list of experimenters of study
<experimenter>	: individual experimenter information
<name></name>	: full name of experimenter
<role></role>	: the role of experimenter in study
</experimenter>	
<experimenter>	: for multiple experimenters repeat the experimenter node and its subnodes under the parent experimenters node
...	
</experimenter>	
</experimenters>	
<contact>	: information of individual to contact for data results, or more information regarding the study
<name></name>	: full name of person to contact
<phone></phone>	: phone number of person to contact
<email></email>	: email of person to contact
</contact>	
<organization>	: information regarding the organization that conducted the research study or experiment
<name></name>	: list the name of the specific organization or organizations involved
<logoLink></logoLink>	: name of the file that holds the logo/graphic of the organization you would like placed at the top of the page
</organization>	

<copyright></copyright>
<IRB></IRB>
</study>

: copyright information
: IRB information, including IRB number study was conducted under