Files are grouped in folders hierarchy consisting of following items :

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Folder** |  | **Description** | | **Format** | | **Sample Values** | |
| **<subject\_identifier>** | | | Identifier of subject (medic) | | [N|E][1..n][A..F]  Novice or Experimented  Rank (1 or 2 digits)  Condition (see below) | | "E13A", "E01B", "N1A" … |
| **<condition>** | | | Equipment used to interact with subject during session | | [Casque|Cave|PC]  (helmet, cave, computer) | |  |
| **<subdir>** | | |  | | [data|Superviseur|Unity|Video] | |  |
|  | data | Raw data | |  | |  | |
|  | Superviseur | Chat history | |  | |  | |
|  | Unity | Sensors | |  | |  | |
|  | Video | Video | |  | |  | |

Meaning of condition letter :

|  |  |  |  |
| --- | --- | --- | --- |
| **Letter** | **Cave** | **Casque (Helmet)** | **PC (Computer)** |
| **A** | 1 | 2 | 3 |
| **B** | 1 | 3 | 2 |
| **C** | 2 | 1 | 3 |
| **D** | 3 | 1 | 2 |
| **E** | 2 | 3 | 1 |
| **F** | 3 | 2 | 1 |

Corpus is available in two distinct sets of files with similar folders hierarchy, noted "A" and "B" here.

|  |  |  |
| --- | --- | --- |
| **Corpus** | **Name** | **Source** |
| **A** | CorpusHMPassation | <https://lsis-cloud-01.lsis.org/index.php/s/yo50wMOoLnhdmAz> |
| **B** | ACORFORMED | <http://139.124.68.168:5000/> |

Generally raw data (recorded data) is xml or xra format. Eaf or Textgrid formats are generated by other tools.

Elements in red are used as inputs for computing subject features in feature matrix.

Elements in blue are used as inputs for computing agent features in feature matrix.

(elements in purple are used for both)

« data »

|  |  |  |  |
| --- | --- | --- | --- |
| **Data** | **Corpus** | **Concerns** | **Description** |
| /asr-realtime  /asr-revised  /asr-rev-tag  /asr-tmp  /asr-trans | A | Subject | Various versions of transcriptions in .xra format. Contains tiers :  - ASR-Utterances: the ASR utterance (speech activity) detections, with an index starting from 1  - ASR-Transcription: the ASR (best) transcription  - ASR-Tokens: tokens alignement of the best transcription (produce by the ASR)  - ASR-Alternatives: ASR alternatives transcription  When run in \_real time\_ 4 other tiers are produced:  - ASR-Events: events thrown by the ASR (UtteranceBegin/End, MakeChange, PhraseHypothesis,...)  - ASR-VUMeterState: VUMeter state (Speech/Noise)  - ASR-VUMeterLevel: VUMeter level  - ASR-Hypothesis: the partial recognition (PhraseHypothesis events) |
| **/asr-trans** | A | Subject | Transcription (xra) used as input for features matrix computations (corresponds to asr-revised). |
| /chat-history | A | Subject, Agent | Chat history in xra format. |
| **…-micro.wav** | A | Subject | Recorded HF micro (mainly subject voice) |

« Superviseur » (/session-<date>)

|  |  |  |  |
| --- | --- | --- | --- |
| **Data** | **Corpus** | **Concerns** | **Description** |
| **chat-history.<date>.xml** | B | Subject, Agent | Chat history (reduced format) |
| 000000-00\_micro.wav | B | Subject | Same as …/data/…-micro.wav from corpus A. |
| <subdirs> | B | Subject, Agent | Various recorded metadata. |

« Unity »

|  |  |  |  |
| --- | --- | --- | --- |
| **Data** | **Corpus** | **Concerns** | **Description** |
| **<nn>.wav** | A, B | Agent | A wav file per IPU of agent voice (<nn> an integer on 1 or 2 digits). |
| **…-Unity-out\_record\_DATE<date>.txt** | B | Subject, Agent | Recorded position sensors values at each time step, in CSV format. |
| CompressData.exe | B |  | Compress unity txt record (removes duplicated lines) |

« Video »

|  |  |  |  |
| --- | --- | --- | --- |
| **Data** | **Corpus** | **Concerns** | **Description** |
| ….mp4 | B | Subject | Recorded video of session |