基本要求：

1. 支持MP4、AVI、MTS等视频格式
2. 能抓取视频时间，自动记录行为发生的时间，也可通过手动设置视频起始时间，进行记录。
3. 观察前建立行为项目，包括项目名称、动物个体编数和背景信息、行为列表和编码。行为分为状态性（记录发生起止时间）和事件性（记录行为发生时间点），状态性行为包括姿态（不同姿态不能同时存在）和持续性活动。
4. 选定项目后打开指定视频进行观察，观察过程中可自由调整视频播放速度和进度。
5. 开始观察记录时，录入初始行为状态，观察过程中数字键盘任意输入视频即暂停，弹出行为记录框，录入行为信息。
6. 每个视频观察结束时，自动检查行为数据（主要是状态数据要求有起止，特别是对行为观察结果进行修改时，即时提醒矛盾），并输出同名数据文件。
7. 数据文件按项目和时间构成数据库。可按要求导出行为时长、频率、周期等数据结果。

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Time\_Relative\_sf | Duration\_sf | Observation | Event\_Log | Subject | Behavior | Event\_Type | Comment |
| 2.66928 | 60.4592 | Jun 12th | Event log | 216 | Play | State start |  |
| 3.00294 | 13.0461 | Jun 12th | Event log | 218 | Play | State start |  |
| 5.77232 | 31.4308 | Jun 12th | Event log | unknown 1 | Play | State start | no tag |
| 16.049 | 0 | Jun 12th | Event log | 218 | Play | State stop |  |
| 16.049 | 41.574 | Jun 12th | Event log | 210 | Play | State start |  |
| 33.2993 | 39.2051 | Jun 12th | Event log | unknown2 | Play | State start | 1695 |
| 37.2031 | 0 | Jun 12th | Event log | unknown 1 | Play | State stop |  |
| 57.6231 | 0 | Jun 12th | Event log | 210 | Play | State stop |  |
| 63.1285 | 0 | Jun 12th | Event log | 216 | Play | State stop |  |
| 67.366 | 21.154 | Jun 12th | Event log | 88 | Play | State start |  |
| 72.5043 | 0 | Jun 12th | Event log | unknown2 | Play | State stop |  |
| 78.3434 | 49.8154 | Jun 12th | Event log | 209 | Play | State start |  |
| 80.3787 | 6.23944 | Jun 12th | Event log | 210 | Play | State start |  |
| 86.3846 | 0 | Jun 12th | Event log | 209 | Aggression | Point |  |
| 142.54 | 0 | Jun 12th | Event log | 45 | Aggression | Point |  |
| 147.878 | 0 | Jun 12th | Event log | 223 | Play | State stop |  |
| 148.379 | 0 | Jun 12th | Event log | 1951 | Aggression | Point |  |
| 156.053 | 0 | Jun 12th | Event log | 45 | Aggression | Point |  |
| 189.786 | 0 | Jun 12th | Event log | 223 | Play | State stop |  |

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| Time\_Relative\_hms | Duration\_sf | Subject | Behavior | Event\_Type | Comment |
| 00:08:57 | 31.6943 | 168 | Play | State start | 106? |
| 00:09:29 | 0 | 168 | Play | State stop |  |
| 00:20:49 | 47.2796 | 168 | Play | State start |  |
| 00:20:51 | 0 | 168 | Aggression | Point |  |
| 00:21:36 | 0 | 168 | Play | State stop |  |

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| Date\_Time\_Absolute  \_dmy\_hmsf | Date\_dmy | Time\_Absolute\_hms | Time\_Relative\_hms | Time\_Relative\_sf | Duration\_sf | Observation | Event\_Log | Subject | Behavior | Event\_Type | Comment |
| 15-12-2014  16:05:46.535 | 15-12-2014 | 16:05:46 | 00:00:00 | 0 | 3128.13 | Jul 10th | Event log | 168 | <Initial Behavior> | State start |  |