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| activity.py |
| *Activities a user can take on a video* |
| click() |
| thumbs\_up() |
| thumbs\_down() |
| watch() |

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| agent.py |
| *Attributes describing an agent* |
| agent\_id: int |
| current\_state: string? |
| log: array? |
| random\_seed: int |

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| video.py |
| *Attributes describing a video* |
| views: int *(minutes)* |
| vid\_id: int |
| length: int *(minutes)* |
| category: string |
| thumbs\_up: int |
| suggestion\_relation(vid\_id): boolean |

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| behavior\_reference.py |
| *Parameters describing behavior of agent archetypes* |
| longest\_vid\_threshold: int *(minutes)* |
| yt\_time\_threshold: int *(minutes)* |
| political\_affiliation: string |
| video\_extremity: double *(0 to 1)* |
| popularity\_threshold: int *(views)* |
| prefers\_algorithm: boolean |