The Music Box : Modelling Report

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Models

The following models were created -
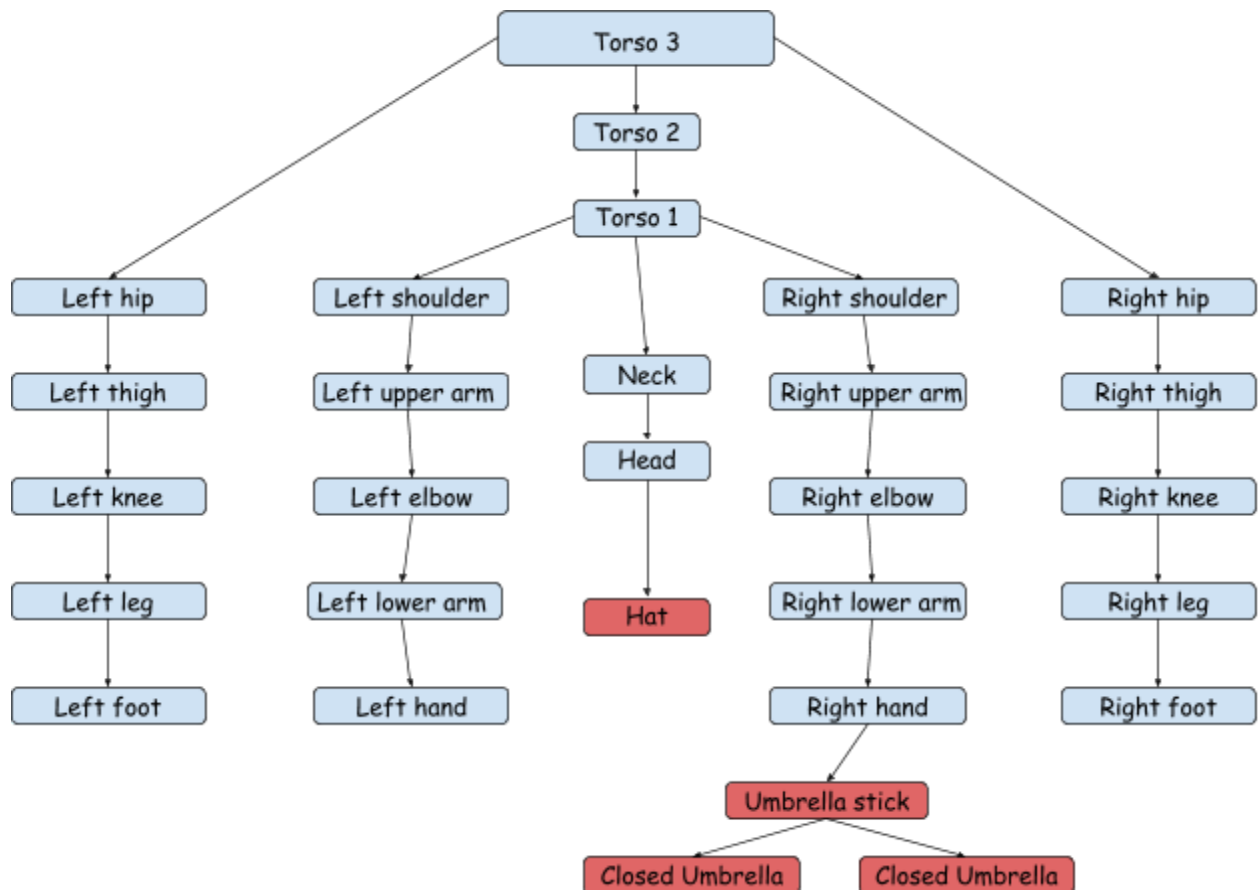
- Humanoid
- Dog
- Box

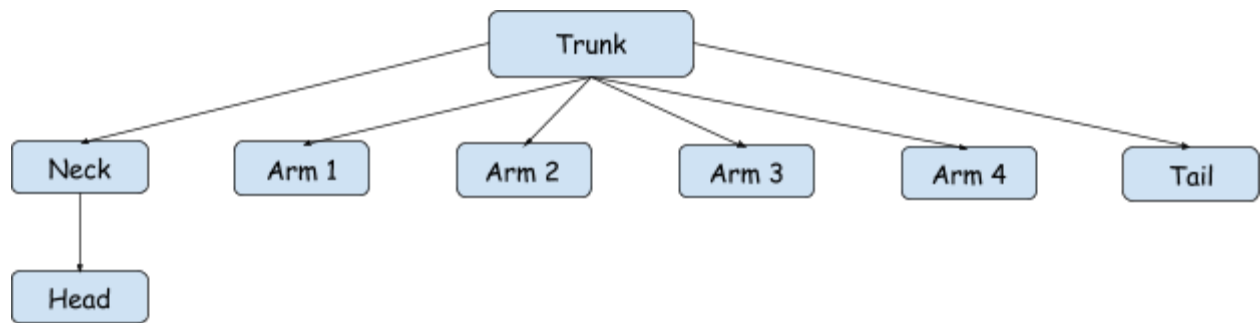And there are some props as well -

- Hat
- Umbrella

Model Hierarchies

Humanoid

Note : Components in red color are actually props but they have been shown here to show the constraints.

Dog

```
                              ┌─────────┐
                              │  Trunk  │
                              └─────────┘
        ┌──────────┬──────────┼──────────┬──────────┬──────────┐
   ┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐
   │  Neck  │ │ Arm 1  │ │ Arm 2  │ │ Arm 3  │ │ Arm 4  │ │  Tail  │
   └────────┘ └────────┘ └────────┘ └────────┘ └────────┘ └────────┘
        │
   ┌────────┐
   │  Head  │
   └────────┘
```

Box

```
        ┌──────────────────────┐
        │      Lower Box       │
        └──────────────────────┘
                    │
        ┌──────────────────────┐
        │      Upper Box       │
        └──────────────────────┘
```