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Assignment #2 – NLL Ontology
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The ontology I created for assignment number two uses information from the National Lacrosse League (NLL), which is the premier lacrosse league in world with teams in the United States and Canada. I used the players, team mascots, teams, head coaches and home arenas for each of the 9 NLL teams as the different classes. The 9 teams are: Colorado Mammoth, Calgary Roughneck, Vancouver Stealth, Saskatchewan Rush, Toronto Rock, New England Blackwolves, Georgia Swarm, Rochester Knighthawks and Buffalo Bandits.

I also created 7 object properties; plays at, has players, is coach of, is coached by, plays against, represents and plays for. From the 7 object properties, has players and plays for were set as inverse; is coached by and is coach of were set as inverse. The domain and range for each of the 7 object properties were different and could include teams, players, mascots, coaches and arenas. The 9 teams were placed in their respective subclasses, Eastern and Western Divisions, which were set as disjoint from one another. The individual teams are disjoint from one another, as are the individual coaches and individual arenas. All of the terms used for this ontology were labeled and given a definition. This ontology explains the interrelations between terms related to the NLL and where they overlap within that domain.