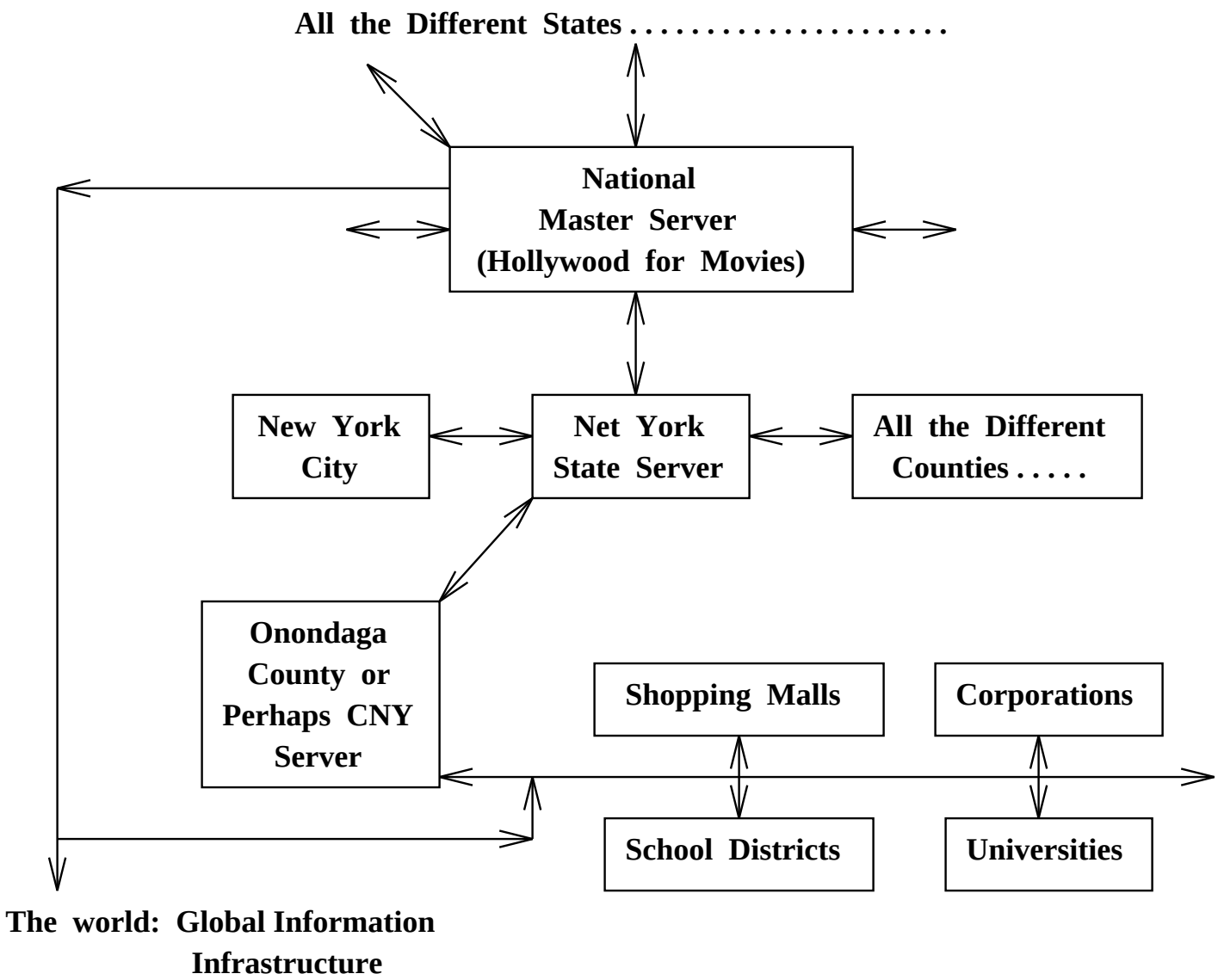A Typical Hierarchical Server Network