US Congress E/R Diagram
1. In this diagram, Senators and Representatives are subclasses of CongressPeople. The relation between CongressPeople and Committees is many to many.
2. The attribute "speaker" of Houses is not null.
3. "=" between "Senators" and "stand for" means there are 2 senators for every state.
4. Between "District" and "Representatives", there are 2 rounded arrows. This means every district should have and only have a Representative, also every Representative should belong and only belong to a district.
Iron Chef E/R Diagram
1. The attribute secretingredient of Episodes is unique and not null.
2. Between "judge" and "Judges", there is "=4" that means there are four judges every episode.
3. You can find 3 rounded arrows in this diagram, because every episode must and only have an IronChef and Challenger, and every dish must belong to only one episode.