

Football manager REST API

Design and implement a REST API that allows to manage football teams and players.

Each *team* consists of multiple players. A *player* can be assigned to one and only one *team*, but can exist without a team. Data required for each player consists of *first name*, *last name*, *position* and *birthday*. A team should also have a *name* which is mandatory. Apart from that, team should have a captain. Captain is one of the players assigned to that team.

REST API should provide CRUD endpoints for both *team* and *player*. It should provide a list of additional endpoints for each of the following operations:

- get a list of all teams
- get a list of all players
- get a list of players by team
- get a captain by team
- add a new(not existing) player to a team
- assign a captain

Tech. notes:

API should follow REST conventions. Application should be implemented using *Spring MVC* backed by *Spring Data JPA*, *Hibernate* and *PostgreSQL* database. Your solution should also provide an *SQL* script that initializes database tables.