

Restful web service documentation Ilari Malinen a11817838

Build in the 'target' folder.

I made the program with netbeans and it was hard to find resources specifically to netbeans with jersey than for eclipse but thankfully it was not that different.

The setup to get the rest server running correctly took the most time. The implementation itself was faster. I most likely forgot/missed something I should have done/thought of but I left this assignment too late and miscalculated the setup time I needed.

I wasn't sure should I have returned the json in an object format rather than String, but this was the simpler approach.

The responses the server sends are just something I thought was there about right I didn't see any actual rules how to use those.

As a data structure I used simplest way I thought of with simple arrays with indices working as id:s.

Testing:

Curl <http://localhost:8084/Rest/rest/listAll> ->
102{"scorers":[{"Rating":,"Votes":0,"Goals":6,"Name":"Harry Kane"}, {"Rating":,"Votes":0,"Goals":4,"Name":"Antoine Griezmann"}, {"Rating":,"Votes":0,"Goals":4,"Name":"Denis Cheryshev"}, {"Rating":,"Votes":0,"Goals":4,"Name":"Kyllian Mbapp "}, {"Rating":,"Votes":0,"Goals":4,"Name":"Rom lu Lukaku"}]}

Curl <http://localhost:8084/Rest/rest/readId/1> ->
87{"Rating":"D", "Votes":0, "Goals":6, "Name":"Harry Kane"}

Curl -X POST <http://localhost:8084/Rest/rest/postVote/1> -> 45Voted for: 1

Curl <http://localhost:8084/Rest/rest/readId/1> ->
85{"Rating":"D", "Votes":1, "Goals":6, "Name":"Harry Kane"}

Curl -X DELETE <http://localhost:8084/Rest/rest/resetVotes> -> 35Votes reset

Curl <http://localhost:8084/Rest/rest/readId/1> ->
85{"Rating":"D","Votes":0,"Goals":6,"Name":"Harry Kane"}

15X Curl -X POST <http://localhost:8084/Rest/rest/postVote/1>

Curl <http://localhost:8084/Rest/rest/readId/1> ->
85{"Rating":"D","Votes":15,"Goals":6,"Name":"Harry Kane"}

Curl -X PUT <http://localhost:8084/Rest/rest/UpdateRating> -> 89Updated

Curl <http://localhost:8084/Rest/rest/readId/1> ->
85{"Rating":"A","Votes":15,"Goals":6,"Name":"Harry Kane"}

Curl -X DELETE <http://localhost:8084/Rest/rest/resetVotes> -> 35Votes reset

Curl <http://localhost:8084/Rest/rest/readId/1> ->
85{"Rating":"A","Votes":0,"Goals":6,"Name":"Harry Kane"}

All seems to work fine, votes and rating act correctly to me.
Wrong parameters like ? or 7 give >The requested resource is
not available message.