relationales Schema
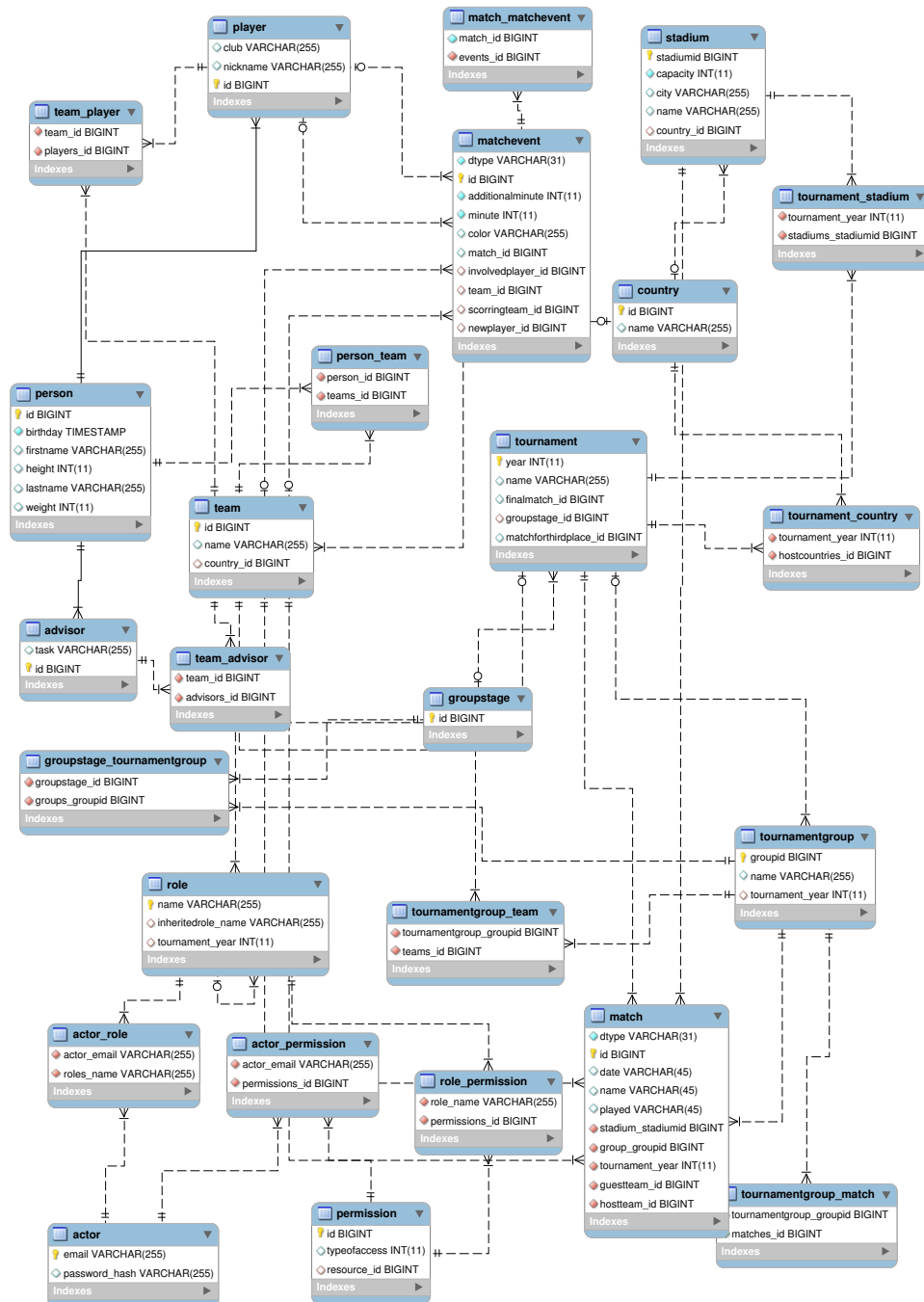
Grafisches Model

SQL

```
1  ──
2  ── PostgreSQL database dump
3  ──
4
```

```sql
 5  SET statement_timeout = 0;
 6  SET client_encoding = 'UTF8';
 7  SET standard_conforming_strings = off;
 8  SET check_function_bodies = false;
 9  SET client_min_messages = warning;
10  SET escape_string_warning = off;
11
12  SET search_path = public, pg_catalog;
13
14  ALTER TABLE ONLY public.role_permission DROP CONSTRAINT fkf8a569386ac4edcc;
15  ALTER TABLE ONLY public.role_permission DROP CONSTRAINT fkf8a56938401023a7;
16  ALTER TABLE ONLY public.stadium DROP CONSTRAINT fkf21d53ddfcf4fc9d;
17  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT fke491d7f5df1dd7b0;
18  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT fke491d7f5db6578d7;
19  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT fke491d7f5c7168977;
20  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT fke491d7f56a9e6294;
21  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT fke491d7f560766fd;
22  ALTER TABLE ONLY public.match_match DROP CONSTRAINT fkd7c3a68b884bbd1;
23  ALTER TABLE ONLY public.match_match DROP CONSTRAINT fkd7c3a68b1fd58223;
24  ALTER TABLE ONLY public.team_player DROP CONSTRAINT fkd4e5f703db6578d7;
25  ALTER TABLE ONLY public.team_player DROP CONSTRAINT fkd4e5f70318f27aa6;
26  ALTER TABLE ONLY public.actor_permission DROP CONSTRAINT fkcf243699d36f2a65;
27  ALTER TABLE ONLY public.actor_permission DROP CONSTRAINT fkcf243699401023a7;
28  ALTER TABLE ONLY public.match_matchevent DROP CONSTRAINT fkbfc93acfdcc26853;
29  ALTER TABLE ONLY public.match_matchevent DROP CONSTRAINT fkbfc93acf60766fd;
30  ALTER TABLE ONLY public.tournamentgroup_team DROP CONSTRAINT fkb7678b26d57db48a;
31  ALTER TABLE ONLY public.tournamentgroup_team DROP CONSTRAINT fkb7678b26cdc8c6de;
32  ALTER TABLE ONLY public.tournament_stadium DROP CONSTRAINT fkabf317a7db034f8f;
33  ALTER TABLE ONLY public.tournament_stadium DROP CONSTRAINT fkabf317a774b12939;
34  ALTER TABLE ONLY public.team_advisor DROP CONSTRAINT fka1d587deea5528a;
35  ALTER TABLE ONLY public.team_advisor DROP CONSTRAINT fka1d587dedb6578d7;
36  ALTER TABLE ONLY public.player DROP CONSTRAINT fk8ea387019b9d8d6d;
37  ALTER TABLE ONLY public.tournamentgroup DROP CONSTRAINT fk6372df674b12939;
38  ALTER TABLE ONLY public.groupstage_tournamentgroup DROP CONSTRAINT fk62cd5967d361fb7;
39  ALTER TABLE ONLY public.groupstage_tournamentgroup DROP CONSTRAINT fk62cd596526daa28;
40  ALTER TABLE ONLY public.permission DROP CONSTRAINT fk57f7a1ef94470e9c;
41  ALTER TABLE ONLY public.tournament_country DROP CONSTRAINT fk5625b3409a553667;
42  ALTER TABLE ONLY public.tournament_country DROP CONSTRAINT fk5625b34074b12939;
43  ALTER TABLE ONLY public.person_team DROP CONSTRAINT fk49fd4907ce781a97;
44  ALTER TABLE ONLY public.person_team DROP CONSTRAINT fk49fd4907cdc8c6de;
45  ALTER TABLE ONLY public.match DROP CONSTRAINT fk46ae9a5f0ec562f;
46  ALTER TABLE ONLY public.match DROP CONSTRAINT fk46ae9a5e2487ff;
47  ALTER TABLE ONLY public.match DROP CONSTRAINT fk46ae9a5d4eaebd3;
48  ALTER TABLE ONLY public.match DROP CONSTRAINT fk46ae9a574b12939;
49  ALTER TABLE ONLY public.match DROP CONSTRAINT fk46ae9a515c9d2b6;
50  ALTER TABLE ONLY public.tournament DROP CONSTRAINT fk3b743609fcd043a4;
51  ALTER TABLE ONLY public.tournament DROP CONSTRAINT fk3b7436097d361fb7;
52  ALTER TABLE ONLY public.tournament DROP CONSTRAINT fk3b74360966de6d99;
53  ALTER TABLE ONLY public.tournamentgroup_match DROP CONSTRAINT fk3525aa1cd57db48a;
54  ALTER TABLE ONLY public.tournamentgroup_match DROP CONSTRAINT fk3525aa1c2801c0aa;
55  ALTER TABLE ONLY public.team DROP CONSTRAINT fk27b67dfcf4fc9d;
56  ALTER TABLE ONLY public.role DROP CONSTRAINT fk26f496da563832;
57  ALTER TABLE ONLY public.role DROP CONSTRAINT fk26f49674b12939;
58  ALTER TABLE ONLY public.actor_role DROP CONSTRAINT fk26e2d0c0e4a0b3e5;
59  ALTER TABLE ONLY public.actor_role DROP CONSTRAINT fk26e2d0c0d36f2a65;
60  ALTER TABLE ONLY public.advisor DROP CONSTRAINT fk1fc9f7a09b9d8d6d;
61  ALTER TABLE ONLY public.tournamentgroup_team DROP CONSTRAINT
        tournamentgroup_team_teams_id_key;
62  ALTER TABLE ONLY public.tournamentgroup DROP CONSTRAINT tournamentgroup_pkey;
63  ALTER TABLE ONLY public.tournamentgroup_match DROP CONSTRAINT
        tournamentgroup_match_matches_id_key;
64  ALTER TABLE ONLY public.tournament DROP CONSTRAINT tournament_pkey;
65  ALTER TABLE ONLY public.team DROP CONSTRAINT team_pkey;
66  ALTER TABLE ONLY public.team_advisor DROP CONSTRAINT team_advisor_advisors_id_key;
67  ALTER TABLE ONLY public.stadium DROP CONSTRAINT stadium_pkey;
68  ALTER TABLE ONLY public.role DROP CONSTRAINT role_pkey;
69  ALTER TABLE ONLY public.role_permission DROP CONSTRAINT
        role_permission_permissions_id_key;
```

```sql
70  ALTER TABLE ONLY public.resource DROP CONSTRAINT resource_pkey;
71  ALTER TABLE ONLY public.player DROP CONSTRAINT player_pkey;
72  ALTER TABLE ONLY public.person DROP CONSTRAINT person_pkey;
73  ALTER TABLE ONLY public.permission DROP CONSTRAINT permission_pkey;
74  ALTER TABLE ONLY public.matchevent DROP CONSTRAINT matchevent_pkey;
75  ALTER TABLE ONLY public.match DROP CONSTRAINT match_pkey;
76  ALTER TABLE ONLY public.match_matchevent DROP CONSTRAINT match_matchevent_events_id_key;
77  ALTER TABLE ONLY public.groupstage_tournamentgroup DROP CONSTRAINT
        groupstage_tournamentgroup_groups_groupid_key;
78  ALTER TABLE ONLY public.groupstage DROP CONSTRAINT groupstage_pkey;
79  ALTER TABLE ONLY public.country DROP CONSTRAINT country_pkey;
80  ALTER TABLE ONLY public.advisor DROP CONSTRAINT advisor_pkey;
81  ALTER TABLE ONLY public.actor_role DROP CONSTRAINT actor_role_roles_name_key;
82  ALTER TABLE ONLY public.actor DROP CONSTRAINT actor_pkey;
83  ALTER TABLE ONLY public.actor_permission DROP CONSTRAINT
        actor_permission_permissions_id_key;
84  DROP TABLE public.tournamentgroup_team;
85  DROP TABLE public.tournamentgroup_match;
86  DROP TABLE public.tournamentgroup;
87  DROP TABLE public.tournament_stadium;
88  DROP TABLE public.tournament_country;
89  DROP TABLE public.tournament;
90  DROP TABLE public.team_player;
91  DROP TABLE public.team_advisor;
92  DROP TABLE public.role_permission;
93  DROP TABLE public.role;
94  DROP TABLE public.resource;
95  DROP TABLE public.person_team;
96  DROP TABLE public.person;
97  DROP TABLE public.permission;
98  DROP TABLE public.matchevent;
99  DROP TABLE public.match_matchevent;
100 DROP TABLE public.match_match;
101 DROP TABLE public.match;
102 DROP SEQUENCE public.hibernate_sequence;
103 DROP TABLE public.groupstage_tournamentgroup;
104 DROP TABLE public.advisor;
105 DROP TABLE public.actor_role;
106 DROP TABLE public.actor_permission;
107 DROP TABLE public.actor;
108 DROP FUNCTION public.getstadiumsforcountry(bigint);
109 DROP TABLE public.stadium;
110 DROP FUNCTION public.getplayer();
111 DROP TABLE public.player;
112 DROP FUNCTION public.getnextsequence();
113 DROP FUNCTION public.getcountry();
114 DROP TABLE public.country;
115 DROP FUNCTION public.generateteam();
116 DROP TABLE public.team;
117 DROP FUNCTION public.generatematch(bigint, bigint, bigint);
118 DROP FUNCTION public.generateknockouttree(integer, bigint);
119 DROP FUNCTION public.generategroupstage();
120 DROP TABLE public.groupstage;
121 DROP FUNCTION public.generategroupmatches(bigint);
122 DROP FUNCTION public.createchampionship(integer, text);
123 DROP FUNCTION public.concat(character varying, bigint);
124 DROP FUNCTION public.concat(character varying, integer);
125 DROP PROCEDURAL LANGUAGE plpgsql;
126 DROP SCHEMA public;
127 --
128 -- Name: public; Type: SCHEMA; Schema: -; Owner: postgres
129 --
130
131 CREATE SCHEMA public;
132
133
134 ALTER SCHEMA public OWNER TO postgres;
135
```

```sql
136 ---
137 -- Name: plpgsql; Type: PROCEDURAL LANGUAGE; Schema: -; Owner: postgres
138 --

139
140 CREATE PROCEDURAL LANGUAGE plpgsql;
141

142
143 ALTER PROCEDURAL LANGUAGE plpgsql OWNER TO postgres;
144
145 SET search_path = public, pg_catalog;
146
147 --
148 -- Name: concat(character varying, integer); Type: FUNCTION; Schema: public; Owner:
        postgres
149 --
150
151 CREATE FUNCTION concat(character varying, integer) RETURNS character varying
152     LANGUAGE plpgsql
153     AS $_$
154 BEGIN
155     return $1 || ' ' || chr(49 + ($2%119));
156 END
157 $_$;
158

159
160 ALTER FUNCTION public.concat(character varying, integer) OWNER TO postgres;
161
162 --
163 -- Name: concat(character varying, bigint); Type: FUNCTION; Schema: public; Owner:
        postgres
164 --
165
166 CREATE FUNCTION concat(character varying, bigint) RETURNS character varying
167     LANGUAGE plpgsql
168     AS $_$
169 BEGIN
170     return $1 || ' ' || chr(CAST(49 + ($2%119) AS INT));
171 END
172 $_$;
173

174
175 ALTER FUNCTION public.concat(character varying, bigint) OWNER TO postgres;
176
177 --
178 -- Name: createchampionship(integer, text); Type: FUNCTION; Schema: public; Owner:
        postgres
179 --
180
181 CREATE FUNCTION createchampionship(integer, text) RETURNS void
182     LANGUAGE plpgsql
183     AS $_$
184 DECLARE
185     yearParam ALIAS FOR $1;
186     nameParam ALIAS FOR $2;
187     host country%ROWTYPE;
188     currentStadium stadium%ROWTYPE;
189     groupStage groupstage%ROWTYPE;
190     finalId bigint;
191 BEGIN
192     RAISE NOTICE 'Creating a new tournament';
193
194   --Generiert die K.O.-Phase
195     finalId := getNextSequence();
196     INSERT INTO match(id, name, played, dtype)
197     VALUES (finalId, 'Finale', false, 'KnockoutMatch');
198     PERFORM generateKnockoutTree(1, finalId);
199
200     --Generiert die Gruppenphase
```

4

```
201        groupStage := generateGroupStage();
202
203        --Speichert das Turnier ab
204        INSERT INTO tournament (year, name, finalmatch_id, groupstage_id)
205        VALUES (yearParam, nameParam, finalId, groupStage.id);
206
207        -- Set a random host country
208        host := getCountry();
209        INSERT INTO "tournament_country" VALUES (yearParam, host.id);
210
211        -- Set 8 random stadiums
212        FOR currentStadium IN SELECT * FROM getStadiumsForCountry(host.id) LOOP
213            INSERT INTO tournament_stadium VALUES(yearParam, currentStadium.stadiumid);
214        END LOOP;
215    RETURN;
216 END;
217 $_$;
218
219
220 ALTER FUNCTION public.createchampionship(integer, text) OWNER TO postgres;
221
222 --
223 -- Name: generategroupmatches(bigint); Type: FUNCTION; Schema: public; Owner: postgres
224 --
225
226 CREATE FUNCTION generategroupmatches(bigint) RETURNS void
227        LANGUAGE plpgsql
228        AS $_$
229 DECLARE
230        groupId ALIAS FOR $1;
231        numberOfTeams int;
232        currentTeam team%ROWTYPE;
233        teams team[];
234        i int;
235        j int;
236 BEGIN
237
238        SELECT COUNT(*) INTO numberOfTeams
239        FROM tournamentgroup_team
240        WHERE tournamentgroup_groupid = groupId;
241
242    -- Test ob genuegend Teams in der Gruppe sind
243        if(numberOfTeams < 4) THEN
244            RAISE EXCEPTION 'at least 4 teams have to be in a group';
245            RETURN;
246        END IF;
247
248
249        -- Erstellt ein Array aus dem Teams der Gruppe
250        teams := '{}';
251        FOR currentTeam IN
252            SELECT t.*
253            FROM team t
254            JOIN tournamentgroup_team g ON (g.teams_id = t.id)
255            WHERE tournamentgroup_groupid = groupId
256        LOOP
257            teams := array_append(teams, currentTeam);
258        END LOOP;
259
260    -- Laesst jede Mannschaft einmal gegen alle anderen Manschaften antreten
261        FOR i IN 1..4 LOOP
262            FOR j IN (i+1)..4 LOOP
263                PERFORM generateMatch(teams[i].id, teams[j].id, groupId);
264            END LOOP;
265        END LOOP;
266
267        return;
268
```

```
269  END
270  $_$;
271
272
273  ALTER FUNCTION public.generategroupmatches(bigint) OWNER TO postgres;
274
275  SET default_tablespace = '';
276
277  SET default_with_oids = false;
278
279  --
280  -- Name: groupstage; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
281  --
282
283  CREATE TABLE groupstage (
284      id bigint NOT NULL
285  );
286
287
288  ALTER TABLE public.groupstage OWNER TO postgres;
289
290  --
291  -- Name: generategroupstage(); Type: FUNCTION; Schema: public; Owner: postgres
292  --
293
294  CREATE FUNCTION generategroupstage() RETURNS groupstage
295      LANGUAGE plpgsql
296      AS $$
297  DECLARE
298      stageId int;
299      stage groupstage;
300      currentTeam team;
301      currentGroup tournamentgroup;
302      currentGroupId bigint;
303      i int;
304      j int;
305  BEGIN
306      stageId := getNextSequence();
307
308      INSERT INTO groupstage VALUES (stageId);
309
310      -- Fuer alle 8 Gruppen
311      FOR i IN 1..8 LOOP
312          currentGroupId := getNextSequence();
313
314          INSERT INTO tournamentgroup (groupid, name)
315          VALUES (currentGroupId, concat('Gruppe', 10));
316
317          -- generiere 4 Mannschaften
318          FOR j IN 1..4 LOOP
319              currentTeam := generateTeam();
320
321              INSERT INTO tournamentgroup_team (tournamentgroup_groupid, teams_id)
322              VALUES (currentGroupId, currentTeam.id);
323          END LOOP;
324
325          INSERT INTO groupstage_tournamentgroup VALUES (stageId, currentGroupId);
326
327      -- und trage die Gruppenspiele ein
328          PERFORM generateGroupMatches(currentGroupId);
329
330      END LOOP;
331
332      SELECT * INTO stage FROM groupstage WHERE id = stageId;
333
334      return stage;
335
336  END
```

```
337  $$;
338
339
340  ALTER FUNCTION public.generategroupstage() OWNER TO postgres;
341
342  --
343  -- Name: generateknockouttree(integer, bigint); Type: FUNCTION; Schema: public; Owner:
          postgres
344  --
345
346  CREATE FUNCTION generateknockouttree(integer, bigint) RETURNS void
347      LANGUAGE plpgsql
348      AS $_$
349  DECLARE
350      height ALIAS FOR $1;
351      nodeId ALIAS FOR $2;
352      matchId1 bigint;
353      matchId2 bigint;
354      newHeight int;
355      knockoutMatchType varchar;
356  BEGIN
357    -- Rekursionsanker
358      IF(height > 3) THEN
359          RETURN;
360      ELSIF (height = 1) THEN
361          knockoutMatchType := 'Halbfinale';
362      ELSIF (height = 2) THEN
363          knockoutMatchType := 'Viertelfinale';
364      ELSIF (height = 3) THEN
365          knockoutMatchType := 'Achtelfinale';
366      END IF;
367
368
369    -- Erstellen zweier Kindspiele
370      matchId1 := getNextSequence();
371      INSERT INTO match(id, name, played, dtype)
372      VALUES (matchId1, knockoutMatchType, false, 'KnockoutMatch');
373
374      matchId2 := getNextSequence();
375      INSERT INTO match(id, name, played, dtype)
376      VALUES (matchId2, knockoutMatchType, false, 'KnockoutMatch');
377
378    -- Hinzufuegen zum Baum
379      INSERT INTO match_match(match_id, childs_id) VALUES (nodeId, matchId1);
380      INSERT INTO match_match(match_id, childs_id) VALUES (nodeId, matchId2);
381
382    -- rekursiver Aufruf
383      newHeight := height + 1;
384      PERFORM generateKnockoutTree(newHeight, matchId1);
385      PERFORM generateKnockoutTree(newHeight, matchId2);
386
387      RETURN;
388  END;
389  $_$;
390
391
392  ALTER FUNCTION public.generateknockouttree(integer, bigint) OWNER TO postgres;
393
394  --
395  -- Name: generatematch(bigint, bigint, bigint); Type: FUNCTION; Schema: public; Owner:
          postgres
396  --
397
398  CREATE FUNCTION generatematch(bigint, bigint, bigint) RETURNS void
399      LANGUAGE plpgsql
400      AS $_$
401  DECLARE
402      hostTeam ALIAS FOR $1;
```

7

```
403        guestTeam ALIAS FOR $2;
404        groupId ALIAS FOR $3;
405        matchId bigint;
406        i int;
407 BEGIN
408        matchId := getNextSequence();
409
410        INSERT INTO match(id, hostteam_id, guestteam_id, played, dtype,  group_groupid)
411        VALUES (matchId, hostTeam, guestTeam, false,'GroupMatch', groupId);
412
413        INSERT INTO tournamentgroup_match
414        VALUES (groupId, matchId);
415 END
416 $_$;
417
418
419 ALTER FUNCTION public.generatematch(bigint, bigint, bigint) OWNER TO postgres;
420
421 --
422 -- Name: team; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
423 --
424
425 CREATE TABLE team (
426        id bigint NOT NULL,
427        name character varying(255),
428        country_id bigint
429 );
430
431
432 ALTER TABLE public.team OWNER TO postgres;
433
434 --
435 -- Name: generateteam(); Type: FUNCTION; Schema: public; Owner: postgres
436 --
437
438 CREATE FUNCTION generateteam() RETURNS team
439        LANGUAGE plpgsql
440        AS $$
441 DECLARE
442        i int;
443        j int;
444        sequenceValue int;
445        playerId int;
446        selectedTeam Team%ROWTYPE;
447 BEGIN
448        SELECT id INTO i FROM getCountry();
449
450        sequenceValue := getNextSequence();
451
452        INSERT INTO team VALUES (sequenceValue, concat('Musterteam ', sequenceValue), i);
453        SELECT * INTO selectedTeam FROM team WHERE id = sequenceValue;
454
455        FOR j IN 1..23 LOOP
456            SELECT id INTO playerId FROM getPlayer();
457            INSERT INTO team_player VALUES (selectedTeam.id, playerId);
458            INSERT INTO person_team VALUES (playerId, selectedTeam.id);
459        END LOOP;
460
461        return selectedTeam;
462 END
463 $$;
464
465
466 ALTER FUNCTION public.generateteam() OWNER TO postgres;
467
468 --
469 -- Name: country; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
470 --
```

```
471
472  CREATE TABLE country (
473      id bigint NOT NULL,
474      name character varying(255)
475  );
476
477
478  ALTER TABLE public.country OWNER TO postgres;
479
480  --
481  -- Name: getcountry(); Type: FUNCTION; Schema: public; Owner: postgres
482  --
483
484  CREATE FUNCTION getcountry() RETURNS SETOF country
485      LANGUAGE plpgsql
486      AS $$
487  DECLARE
488      selectedRow Country%ROWTYPE;
489      n int := 0;
490  BEGIN
491      SELECT COUNT(*) INTO n FROM Country;
492      IF (n < 1) THEN
493          INSERT INTO Country VALUES (getNextSequence(), 'DummyLand');
494      END IF;
495
496      SELECT * INTO selectedRow FROM Country ORDER BY RANDOM() LIMIT 1;
497      RETURN NEXT selectedRow;
498  END
499  $$;
500
501
502  ALTER FUNCTION public.getcountry() OWNER TO postgres;
503
504  --
505  -- Name: getnextsequence(); Type: FUNCTION; Schema: public; Owner: postgres
506  --
507
508  CREATE FUNCTION getnextsequence() RETURNS bigint
509      LANGUAGE sql
510      AS $$
511      SELECT nextval('hibernate_sequence') FROM hibernate_sequence;
512  $$;
513
514
515  ALTER FUNCTION public.getnextsequence() OWNER TO postgres;
516
517  --
518  -- Name: player; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
519  --
520
521  CREATE TABLE player (
522      club character varying(255),
523      nickname character varying(255),
524      id bigint NOT NULL
525  );
526
527
528  ALTER TABLE public.player OWNER TO postgres;
529
530  --
531  -- Name: getplayer(); Type: FUNCTION; Schema: public; Owner: postgres
532  --
533
534  CREATE FUNCTION getplayer() RETURNS player
535      LANGUAGE plpgsql
536      AS $$
537  DECLARE
538      createdPlayer Player%ROWTYPE;
```

```sql
539        sequenceValue bigint;
540 BEGIN
541        sequenceValue := getNextSequence();
542
543        INSERT INTO person (id, firstname, lastname)
544        VALUES (sequenceValue, concat('Vorname', sequenceValue), concat('Nachname',
                 sequenceValue));
545
546        INSERT INTO player (id, nickname, club)
547        VALUES (sequenceValue, concat('Nick', sequenceValue), 'FC Seehaeusl');
548
549        SELECT * INTO createdPlayer FROM player WHERE id = sequenceValue;
550
551        return createdPlayer;
552 END
553 $$;
554
555
556 ALTER FUNCTION public.getplayer() OWNER TO postgres;
557
558 --
559 -- Name: stadium; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
560 --
561
562 CREATE TABLE stadium (
563        stadiumid bigint NOT NULL,
564        capacity integer NOT NULL,
565        city character varying(255),
566        name character varying(255),
567        country_id bigint
568 );
569
570
571 ALTER TABLE public.stadium OWNER TO postgres;
572
573 --
574 -- Name: getstadiumsforcountry(bigint); Type: FUNCTION; Schema: public; Owner: postgres
575 --
576
577 CREATE FUNCTION getstadiumsforcountry(bigint) RETURNS SETOF stadium
578        LANGUAGE plpgsql
579        AS $_$
580 DECLARE
581        countryId ALIAS FOR $1;
582        selectedRow Stadium%ROWTYPE;
583        n int := 0;
584        i int;
585 BEGIN
586        SELECT COUNT(*) INTO n FROM Stadium WHERE country_id = countryId;
587        IF (n < 8) THEN
588             FOR i IN 1..(8-n) LOOP
589                  INSERT INTO Stadium VALUES (getNextSequence(), 500, concat('Dummystadt',i) ,
                            concat('Dummystadion',i), countryId);
590             END LOOP;
591        END IF;
592
593        FOR selectedRow IN SELECT * FROM stadium ORDER BY RANDOM() LIMIT 8 LOOP
594             return next selectedRow;
595        END LOOP;
596
597        return;
598 END
599 $_$;
600
601
602 ALTER FUNCTION public.getstadiumsforcountry(bigint) OWNER TO postgres;
603
604 --
```

```
605  -- Name: actor; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
606  --
607
608  CREATE TABLE actor (
609      email character varying(255) NOT NULL,
610      password_hash character varying(255)
611  );
612
613
614  ALTER TABLE public.actor OWNER TO postgres;
615
616  --
617  -- Name: actor_permission; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
618  --
619
620  CREATE TABLE actor_permission (
621      actor_email character varying(255) NOT NULL,
622      permissions_id bigint NOT NULL
623  );
624
625
626  ALTER TABLE public.actor_permission OWNER TO postgres;
627
628  --
629  -- Name: actor_role; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
630  --
631
632  CREATE TABLE actor_role (
633      actor_email character varying(255) NOT NULL,
634      roles_name character varying(255) NOT NULL
635  );
636
637
638  ALTER TABLE public.actor_role OWNER TO postgres;
639
640  --
641  -- Name: advisor; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
642  --
643
644  CREATE TABLE advisor (
645      task character varying(255),
646      id bigint NOT NULL
647  );
648
649
650  ALTER TABLE public.advisor OWNER TO postgres;
651
652  --
653  -- Name: groupstage_tournamentgroup; Type: TABLE; Schema: public; Owner: postgres;
         Tablespace:
654  --
655
656  CREATE TABLE groupstage_tournamentgroup (
657      groupstage_id bigint NOT NULL,
658      groups_groupid bigint NOT NULL
659  );
660
661
662  ALTER TABLE public.groupstage_tournamentgroup OWNER TO postgres;
663
664  --
665  -- Name: hibernate_sequence; Type: SEQUENCE; Schema: public; Owner: postgres
666  --
667
668  CREATE SEQUENCE hibernate_sequence
669      START WITH 1
670      INCREMENT BY 1
671      NO MAXVALUE
```

11

```
672        NO MINVALUE
673        CACHE 1;
674
675
676 ALTER TABLE public.hibernate_sequence OWNER TO postgres;
677
678 --
679 -- Name: match; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
680 --
681
682 CREATE TABLE match (
683        dtype character varying(31) NOT NULL,
684        id bigint NOT NULL,
685        date timestamp without time zone,
686        name character varying(255),
687        played boolean NOT NULL,
688        guestteam_id bigint,
689        hostteam_id bigint,
690        stadium_stadiumid bigint,
691        tournament_year integer,
692        group_groupid bigint
693 );
694
695
696 ALTER TABLE public.match OWNER TO postgres;
697
698 --
699 -- Name: match_match; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
700 --
701
702 CREATE TABLE match_match (
703        match_id bigint NOT NULL,
704        childs_id bigint NOT NULL
705 );
706
707
708 ALTER TABLE public.match_match OWNER TO postgres;
709
710 --
711 -- Name: match_matchevent; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
712 --
713
714 CREATE TABLE match_matchevent (
715        match_id bigint NOT NULL,
716        events_id bigint NOT NULL
717 );
718
719
720 ALTER TABLE public.match_matchevent OWNER TO postgres;
721
722 --
723 -- Name: matchevent; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
724 --
725
726 CREATE TABLE matchevent (
727        dtype character varying(31) NOT NULL,
728        id bigint NOT NULL,
729        additionalminute integer NOT NULL,
730        minute integer NOT NULL,
731        color character varying(255),
732        match_id bigint,
733        involvedplayer_id bigint,
734        team_id bigint,
735        scorringteam_id bigint,
736        newplayer_id bigint
737 );
738
739
```

```
740 ALTER TABLE public.matchevent OWNER TO postgres;
741
742 --
743 -- Name: permission; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
744 --
745
746 CREATE TABLE permission (
747     id bigint NOT NULL,
748     typeofaccess integer,
749     resource_id bigint
750 );
751
752
753 ALTER TABLE public.permission OWNER TO postgres;
754
755 --
756 -- Name: person; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
757 --
758
759 CREATE TABLE person (
760     id bigint NOT NULL,
761     birthday timestamp without time zone,
762     firstname character varying(255),
763     height integer,
764     lastname character varying(255),
765     weight integer
766 );
767
768
769 ALTER TABLE public.person OWNER TO postgres;
770
771 --
772 -- Name: person_team; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
773 --
774
775 CREATE TABLE person_team (
776     person_id bigint NOT NULL,
777     teams_id bigint NOT NULL
778 );
779
780
781 ALTER TABLE public.person_team OWNER TO postgres;
782
783 --
784 -- Name: resource; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
785 --
786
787 CREATE TABLE resource (
788     id bigint NOT NULL,
789     key bytea,
790     name character varying(255)
791 );
792
793
794 ALTER TABLE public.resource OWNER TO postgres;
795
796 --
797 -- Name: role; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
798 --
799
800 CREATE TABLE role (
801     name character varying(255) NOT NULL,
802     inheritedrole_name character varying(255),
803     tournament_year integer
804 );
805
806
807 ALTER TABLE public.role OWNER TO postgres;
```

```
808
809   --
810   -- Name: role_permission; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
811   --
812
813   CREATE TABLE role_permission (
814       role_name character varying(255) NOT NULL,
815       permissions_id bigint NOT NULL
816   );
817
818
819   ALTER TABLE public.role_permission OWNER TO postgres;
820
821   --
822   -- Name: team_advisor; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
823   --
824
825   CREATE TABLE team_advisor (
826       team_id bigint NOT NULL,
827       advisors_id bigint NOT NULL
828   );
829
830
831   ALTER TABLE public.team_advisor OWNER TO postgres;
832
833   --
834   -- Name: team_player; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
835   --
836
837   CREATE TABLE team_player (
838       team_id bigint NOT NULL,
839       players_id bigint NOT NULL
840   );
841
842
843   ALTER TABLE public.team_player OWNER TO postgres;
844
845   --
846   -- Name: tournament; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
847   --
848
849   CREATE TABLE tournament (
850       year integer NOT NULL,
851       name character varying(255),
852       finalmatch_id bigint,
853       groupstage_id bigint,
854       matchforthirdplace_id bigint
855   );
856
857
858   ALTER TABLE public.tournament OWNER TO postgres;
859
860   --
861   -- Name: tournament_country; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
862   --
863
864   CREATE TABLE tournament_country (
865       tournament_year integer NOT NULL,
866       hostcountries_id bigint NOT NULL
867   );
868
869
870   ALTER TABLE public.tournament_country OWNER TO postgres;
871
872   --
873   -- Name: tournament_stadium; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
874   --
875
```

```
876  CREATE TABLE tournament_stadium (
877      tournament_year integer NOT NULL,
878      stadiums_stadiumid bigint NOT NULL
879  );
880
881
882  ALTER TABLE public.tournament_stadium OWNER TO postgres;
883
884  --
885  -- Name: tournamentgroup; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
886  --
887
888  CREATE TABLE tournamentgroup (
889      groupid bigint NOT NULL,
890      name character varying(255),
891      tournament_year integer
892  );
893
894
895  ALTER TABLE public.tournamentgroup OWNER TO postgres;
896
897  --
898  -- Name: tournamentgroup_match; Type: TABLE; Schema: public; Owner: postgres; Tablespace
         :
899  --
900
901  CREATE TABLE tournamentgroup_match (
902      tournamentgroup_groupid bigint NOT NULL,
903      matches_id bigint NOT NULL
904  );
905
906
907  ALTER TABLE public.tournamentgroup_match OWNER TO postgres;
908
909  --
910  -- Name: tournamentgroup_team; Type: TABLE; Schema: public; Owner: postgres; Tablespace:
911  --
912
913  CREATE TABLE tournamentgroup_team (
914      tournamentgroup_groupid bigint NOT NULL,
915      teams_id bigint NOT NULL
916  );
917
918
919  ALTER TABLE public.tournamentgroup_team OWNER TO postgres;
920
921  --
922  -- Name: actor_permission_permissions_id_key; Type: CONSTRAINT; Schema: public; Owner:
         postgres; Tablespace:
923  --
924
925  ALTER TABLE ONLY actor_permission
926      ADD CONSTRAINT actor_permission_permissions_id_key UNIQUE (permissions_id);
927
928
929  --
930  -- Name: actor_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
931  --
932
933  ALTER TABLE ONLY actor
934      ADD CONSTRAINT actor_pkey PRIMARY KEY (email);
935
936
937  --
938  -- Name: actor_role_roles_name_key; Type: CONSTRAINT; Schema: public; Owner: postgres;
         Tablespace:
939  --
940
```

```
941  ALTER TABLE ONLY actor_role
942      ADD CONSTRAINT actor_role_roles_name_key UNIQUE (roles_name);
943
944
945  --
946  -- Name: advisor_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
947  --
948
949  ALTER TABLE ONLY advisor
950      ADD CONSTRAINT advisor_pkey PRIMARY KEY (id);
951
952
953  --
954  -- Name: country_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
955  --
956
957  ALTER TABLE ONLY country
958      ADD CONSTRAINT country_pkey PRIMARY KEY (id);
959
960
961  --
962  -- Name: groupstage_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
963  --
964
965  ALTER TABLE ONLY groupstage
966      ADD CONSTRAINT groupstage_pkey PRIMARY KEY (id);
967
968
969  --
970  -- Name: groupstage_tournamentgroup_groups_groupid_key; Type: CONSTRAINT; Schema: public
         ; Owner: postgres; Tablespace:
971  --
972
973  ALTER TABLE ONLY groupstage_tournamentgroup
974      ADD CONSTRAINT groupstage_tournamentgroup_groups_groupid_key UNIQUE (groups_groupid)
             ;
975
976
977  --
978  -- Name: match_matchevent_events_id_key; Type: CONSTRAINT; Schema: public; Owner:
         postgres; Tablespace:
979  --
980
981  ALTER TABLE ONLY match_matchevent
982      ADD CONSTRAINT match_matchevent_events_id_key UNIQUE (events_id);
983
984
985  --
986  -- Name: match_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
987  --
988
989  ALTER TABLE ONLY match
990      ADD CONSTRAINT match_pkey PRIMARY KEY (id);
991
992
993  --
994  -- Name: matchevent_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
995  --
996
997  ALTER TABLE ONLY matchevent
998      ADD CONSTRAINT matchevent_pkey PRIMARY KEY (id);
999
1000
1001 --
1002 -- Name: permission_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1003 --
1004
1005 ALTER TABLE ONLY permission
```

```
1006        ADD CONSTRAINT permission_pkey PRIMARY KEY (id);
1007
1008
1009 --
1010 -- Name: person_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1011 --
1012
1013 ALTER TABLE ONLY person
1014        ADD CONSTRAINT person_pkey PRIMARY KEY (id);
1015
1016
1017 --
1018 -- Name: player_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1019 --
1020
1021 ALTER TABLE ONLY player
1022        ADD CONSTRAINT player_pkey PRIMARY KEY (id);
1023
1024
1025 --
1026 -- Name: resource_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1027 --
1028
1029 ALTER TABLE ONLY resource
1030        ADD CONSTRAINT resource_pkey PRIMARY KEY (id);
1031
1032
1033 --
1034 -- Name: role_permission_permissions_id_key; Type: CONSTRAINT; Schema: public; Owner:
1035        postgres; Tablespace:
1036 --
1037 ALTER TABLE ONLY role_permission
1038        ADD CONSTRAINT role_permission_permissions_id_key UNIQUE (permissions_id);
1039
1040
1041 --
1042 -- Name: role_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1043 --
1044
1045 ALTER TABLE ONLY role
1046        ADD CONSTRAINT role_pkey PRIMARY KEY (name);
1047
1048
1049 --
1050 -- Name: stadium_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1051 --
1052
1053 ALTER TABLE ONLY stadium
1054        ADD CONSTRAINT stadium_pkey PRIMARY KEY (stadiumid);
1055
1056
1057 --
1058 -- Name: team_advisor_advisors_id_key; Type: CONSTRAINT; Schema: public; Owner: postgres
1059        ; Tablespace:
1060 --
1061 ALTER TABLE ONLY team_advisor
1062        ADD CONSTRAINT team_advisor_advisors_id_key UNIQUE (advisors_id);
1063
1064
1065 --
1066 -- Name: team_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1067 --
1068
1069 ALTER TABLE ONLY team
1070        ADD CONSTRAINT team_pkey PRIMARY KEY (id);
1071
```

```
--
-- Name: tournament_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
--

ALTER TABLE ONLY tournament
    ADD CONSTRAINT tournament_pkey PRIMARY KEY (year);


--
-- Name: tournamentgroup_match_matches_id_key; Type: CONSTRAINT; Schema: public; Owner:
    postgres; Tablespace:
--

ALTER TABLE ONLY tournamentgroup_match
    ADD CONSTRAINT tournamentgroup_match_matches_id_key UNIQUE (matches_id);


--
-- Name: tournamentgroup_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres;
     Tablespace:
--

ALTER TABLE ONLY tournamentgroup
    ADD CONSTRAINT tournamentgroup_pkey PRIMARY KEY (groupid);


--
-- Name: tournamentgroup_team_teams_id_key; Type: CONSTRAINT; Schema: public; Owner:
    postgres; Tablespace:
--

ALTER TABLE ONLY tournamentgroup_team
    ADD CONSTRAINT tournamentgroup_team_teams_id_key UNIQUE (teams_id);


--
-- Name: fk1fc9f7a09b9d8d6d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY advisor
    ADD CONSTRAINT fk1fc9f7a09b9d8d6d FOREIGN KEY (id) REFERENCES person(id);


--
-- Name: fk26e2d0c0d36f2a65; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY actor_role
    ADD CONSTRAINT fk26e2d0c0d36f2a65 FOREIGN KEY (actor_email) REFERENCES actor(email);


--
-- Name: fk26e2d0c0e4a0b3e5; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY actor_role
    ADD CONSTRAINT fk26e2d0c0e4a0b3e5 FOREIGN KEY (roles_name) REFERENCES role(name);


--
-- Name: fk26f49674b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY role
    ADD CONSTRAINT fk26f49674b12939 FOREIGN KEY (tournament_year) REFERENCES tournament(
        year);
```

```sql
--
-- Name: fk26f496da563832; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY role
    ADD CONSTRAINT fk26f496da563832 FOREIGN KEY (inheritedrole_name) REFERENCES role(
        name);


--
-- Name: fk27b67dfcf4fc9d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY team
    ADD CONSTRAINT fk27b67dfcf4fc9d FOREIGN KEY (country_id) REFERENCES country(id);


--
-- Name: fk3525aa1c2801c0aa; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournamentgroup_match
    ADD CONSTRAINT fk3525aa1c2801c0aa FOREIGN KEY (matches_id) REFERENCES match(id);


--
-- Name: fk3525aa1cd57db48a; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournamentgroup_match
    ADD CONSTRAINT fk3525aa1cd57db48a FOREIGN KEY (tournamentgroup_groupid) REFERENCES
        tournamentgroup(groupid);


--
-- Name: fk3b74360966de6d99; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournament
    ADD CONSTRAINT fk3b74360966de6d99 FOREIGN KEY (finalmatch_id) REFERENCES match(id);


--
-- Name: fk3b7436097d361fb7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournament
    ADD CONSTRAINT fk3b7436097d361fb7 FOREIGN KEY (groupstage_id) REFERENCES groupstage(
        id);


--
-- Name: fk3b743609fcd043a4; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournament
    ADD CONSTRAINT fk3b743609fcd043a4 FOREIGN KEY (matchforthirdplace_id) REFERENCES
        match(id);


--
-- Name: fk46ae9a515c9d2b6; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY match
    ADD CONSTRAINT fk46ae9a515c9d2b6 FOREIGN KEY (stadium_stadiumid) REFERENCES stadium(
        stadiumid);
```

```
1199
1200
1201 --
1202 -- Name: fk46ae9a574b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1203 --
1204
1205 ALTER TABLE ONLY match
1206     ADD CONSTRAINT fk46ae9a574b12939 FOREIGN KEY (tournament_year) REFERENCES tournament
            (year);
1207
1208
1209 --
1210 -- Name: fk46ae9a5d4eaebd3; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1211 --
1212
1213 ALTER TABLE ONLY match
1214     ADD CONSTRAINT fk46ae9a5d4eaebd3 FOREIGN KEY (group_groupid) REFERENCES
            tournamentgroup(groupid);
1215
1216
1217 --
1218 -- Name: fk46ae9a5e2487ff; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1219 --
1220
1221 ALTER TABLE ONLY match
1222     ADD CONSTRAINT fk46ae9a5e2487ff FOREIGN KEY (guestteam_id) REFERENCES team(id);
1223
1224
1225 --
1226 -- Name: fk46ae9a5f0ec562f; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1227 --
1228
1229 ALTER TABLE ONLY match
1230     ADD CONSTRAINT fk46ae9a5f0ec562f FOREIGN KEY (hostteam_id) REFERENCES team(id);
1231
1232
1233 --
1234 -- Name: fk49fd4907cdc8c6de; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1235 --
1236
1237 ALTER TABLE ONLY person_team
1238     ADD CONSTRAINT fk49fd4907cdc8c6de FOREIGN KEY (teams_id) REFERENCES team(id);
1239
1240
1241 --
1242 -- Name: fk49fd4907ce781a97; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1243 --
1244
1245 ALTER TABLE ONLY person_team
1246     ADD CONSTRAINT fk49fd4907ce781a97 FOREIGN KEY (person_id) REFERENCES person(id);
1247
1248
1249 --
1250 -- Name: fk5625b34074b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1251 --
1252
1253 ALTER TABLE ONLY tournament_country
1254     ADD CONSTRAINT fk5625b34074b12939 FOREIGN KEY (tournament_year) REFERENCES
            tournament(year);
1255
1256
1257 --
1258 -- Name: fk5625b3409a553667; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1259 --
1260
1261 ALTER TABLE ONLY tournament_country
1262     ADD CONSTRAINT fk5625b3409a553667 FOREIGN KEY (hostcountries_id) REFERENCES country(
            id);
```

```
1263
1264
1265 --
1266 -- Name: fk57f7a1ef94470e9c; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1267 --
1268
1269 ALTER TABLE ONLY permission
1270     ADD CONSTRAINT fk57f7a1ef94470e9c FOREIGN KEY (resource_id) REFERENCES resource(id);
1271
1272
1273 --
1274 -- Name: fk62cd596526daa28; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1275 --
1276
1277 ALTER TABLE ONLY groupstage_tournamentgroup
1278     ADD CONSTRAINT fk62cd596526daa28 FOREIGN KEY (groups_groupid) REFERENCES
1279         tournamentgroup(groupid);
1280
1281 --
1282 -- Name: fk62cd5967d361fb7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1283 --
1284
1285 ALTER TABLE ONLY groupstage_tournamentgroup
1286     ADD CONSTRAINT fk62cd5967d361fb7 FOREIGN KEY (groupstage_id) REFERENCES groupstage(
1287         id);
1288
1289 --
1290 -- Name: fk6372df674b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1291 --
1292
1293 ALTER TABLE ONLY tournamentgroup
1294     ADD CONSTRAINT fk6372df674b12939 FOREIGN KEY (tournament_year) REFERENCES tournament
1295         (year);
1296
1297 --
1298 -- Name: fk8ea387019b9d8d6d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1299 --
1300
1301 ALTER TABLE ONLY player
1302     ADD CONSTRAINT fk8ea387019b9d8d6d FOREIGN KEY (id) REFERENCES person(id);
1303
1304
1305 --
1306 -- Name: fka1d587dedb6578d7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1307 --
1308
1309 ALTER TABLE ONLY team_advisor
1310     ADD CONSTRAINT fka1d587dedb6578d7 FOREIGN KEY (team_id) REFERENCES team(id);
1311
1312
1313 --
1314 -- Name: fka1d587deea5528a; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1315 --
1316
1317 ALTER TABLE ONLY team_advisor
1318     ADD CONSTRAINT fka1d587deea5528a FOREIGN KEY (advisors_id) REFERENCES advisor(id);
1319
1320
1321 --
1322 -- Name: fkabf317a774b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1323 --
1324
1325 ALTER TABLE ONLY tournament_stadium
1326     ADD CONSTRAINT fkabf317a774b12939 FOREIGN KEY (tournament_year) REFERENCES
1327         tournament(year);
```

```
--
-- Name: fkabf317a7db034f8f; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournament_stadium
    ADD CONSTRAINT fkabf317a7db034f8f FOREIGN KEY (stadiums_stadiumid) REFERENCES
        stadium(stadiumid);


--
-- Name: fkb7678b26cdc8c6de; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournamentgroup_team
    ADD CONSTRAINT fkb7678b26cdc8c6de FOREIGN KEY (teams_id) REFERENCES team(id);


--
-- Name: fkb7678b26d57db48a; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY tournamentgroup_team
    ADD CONSTRAINT fkb7678b26d57db48a FOREIGN KEY (tournamentgroup_groupid) REFERENCES
        tournamentgroup(groupid);


--
-- Name: fkbfc93acf60766fd; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY match_matchevent
    ADD CONSTRAINT fkbfc93acf60766fd FOREIGN KEY (match_id) REFERENCES match(id);


--
-- Name: fkbfc93acfdcc26853; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY match_matchevent
    ADD CONSTRAINT fkbfc93acfdcc26853 FOREIGN KEY (events_id) REFERENCES matchevent(id);


--
-- Name: fkcf243699401023a7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY actor_permission
    ADD CONSTRAINT fkcf243699401023a7 FOREIGN KEY (permissions_id) REFERENCES permission
        (id);


--
-- Name: fkcf243699d36f2a65; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY actor_permission
    ADD CONSTRAINT fkcf243699d36f2a65 FOREIGN KEY (actor_email) REFERENCES actor(email);


--
-- Name: fkd4e5f70318f27aa6; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY team_player
    ADD CONSTRAINT fkd4e5f70318f27aa6 FOREIGN KEY (players_id) REFERENCES player(id);
```

```
--
-- Name: fkd4e5f703db6578d7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY team_player
    ADD CONSTRAINT fkd4e5f703db6578d7 FOREIGN KEY (team_id) REFERENCES team(id);


--
-- Name: fkd7c3a68b1fd58223; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY match_match
    ADD CONSTRAINT fkd7c3a68b1fd58223 FOREIGN KEY (match_id) REFERENCES match(id);


--
-- Name: fkd7c3a68b884bbd1; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY match_match
    ADD CONSTRAINT fkd7c3a68b884bbd1 FOREIGN KEY (childs_id) REFERENCES match(id);


--
-- Name: fke491d7f560766fd; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY matchevent
    ADD CONSTRAINT fke491d7f560766fd FOREIGN KEY (match_id) REFERENCES match(id);


--
-- Name: fke491d7f56a9e6294; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY matchevent
    ADD CONSTRAINT fke491d7f56a9e6294 FOREIGN KEY (scorringteam_id) REFERENCES team(id);


--
-- Name: fke491d7f5c7168977; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY matchevent
    ADD CONSTRAINT fke491d7f5c7168977 FOREIGN KEY (newplayer_id) REFERENCES player(id);


--
-- Name: fke491d7f5db6578d7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY matchevent
    ADD CONSTRAINT fke491d7f5db6578d7 FOREIGN KEY (team_id) REFERENCES team(id);


--
-- Name: fke491d7f5df1dd7b0; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY matchevent
    ADD CONSTRAINT fke491d7f5df1dd7b0 FOREIGN KEY (involvedplayer_id) REFERENCES player(
        id);


--
-- Name: fkf21d53ddfcf4fc9d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
```

```
--
ALTER TABLE ONLY stadium
    ADD CONSTRAINT fkf21d53ddfcf4fc9d FOREIGN KEY (country_id) REFERENCES country(id);


--
-- Name: fkf8a56938401023a7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY role_permission
    ADD CONSTRAINT fkf8a56938401023a7 FOREIGN KEY (permissions_id) REFERENCES permission
        (id);


--
-- Name: fkf8a569386ac4edcc; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY role_permission
    ADD CONSTRAINT fkf8a569386ac4edcc FOREIGN KEY (role_name) REFERENCES role(name);


--
-- PostgreSQL database dump complete
--
```