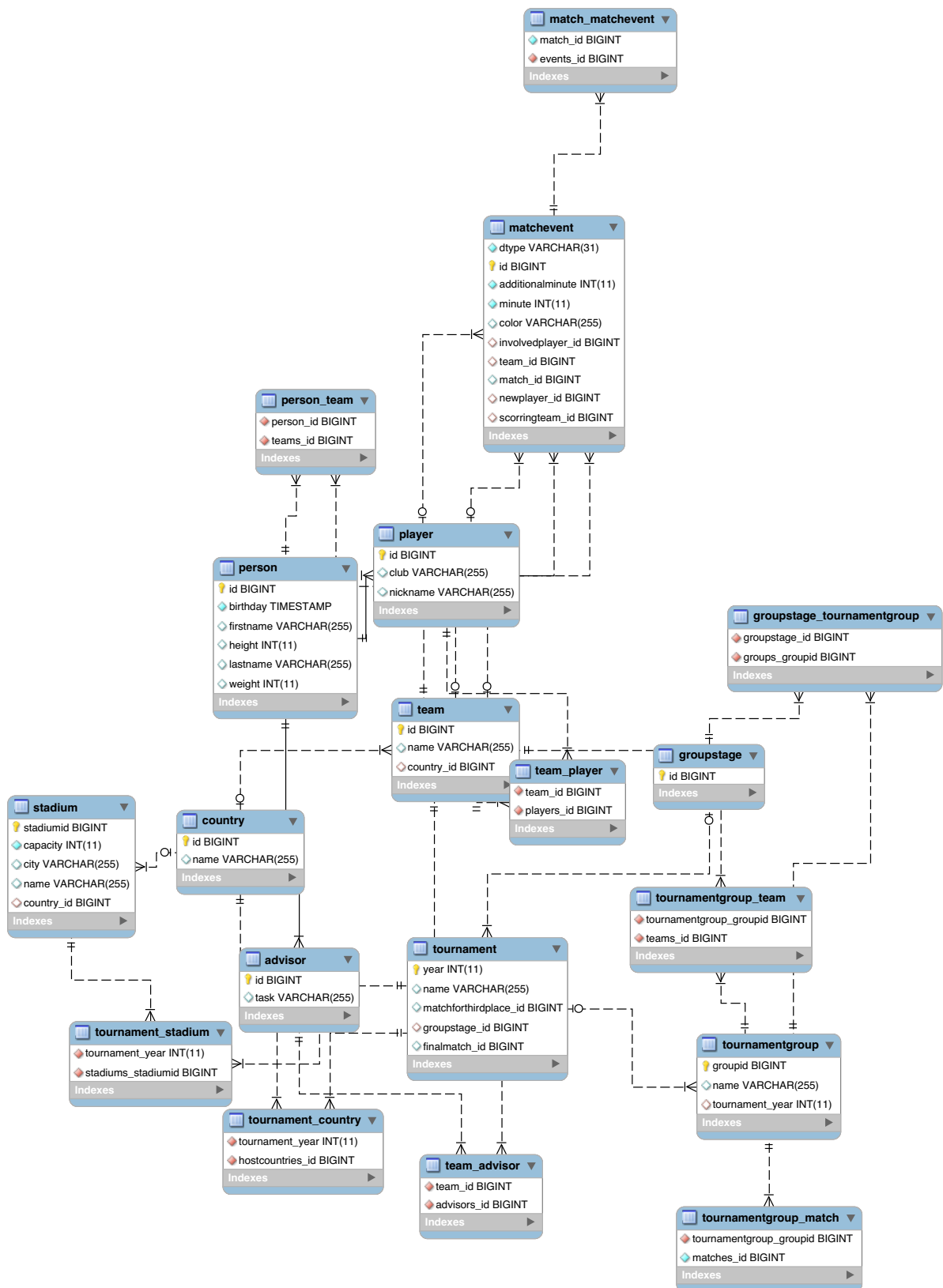


1 relationales Schema

1.1 Grafisches Model



2 SQL

```
1  --
2  -- PostgreSQL database dump
3  --
4
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 fkf21d53dddfcf4fc9d;
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 fkcfc243699d36f2a65;
27 ALTER TABLE ONLY public.actor_permission DROP CONSTRAINT fkcfc243699401023a7;
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 fk46ae9a5d4eae9bd3;
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;
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
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
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  ALTER FUNCTION public.createchampionship(integer, text) OWNER TO postgres;
220
221  —
222  — Name: generategroupmatches(bigint); Type: FUNCTION; Schema: public; Owner: postgres
223  —
224
225  CREATE FUNCTION generategroupmatches(bigint) RETURNS void
226  LANGUAGE plpgsql
227  AS $_$
228  DECLARE
229      groupId ALIAS FOR $1;
230      numberOfTeams int;
231      currentTeam team%ROWTYPE;
232      teams team[];
233      i int;
234      j int;
235  BEGIN
236
237      SELECT COUNT(*) INTO numberOfTeams
238      FROM tournamentgroup_team
239      WHERE tournamentgroup_groupid = groupId;
240
241  — Test ob genug Teams in der Gruppe sind
242      if (numberOfTeams < 4) THEN
243          RAISE EXCEPTION 'at least 4 teams have to be in a group';
244          RETURN;
245      END IF;
246
247
248  — Erstellt ein Array aus dem Teams der Gruppe
249      teams := '{}';
250      FOR currentTeam IN
251          SELECT t.*
252          FROM team t
253          JOIN tournamentgroup_team g ON (g.teams_id = t.id)
254          WHERE tournamentgroup_groupid = groupId
255      LOOP
256          teams := array_append(teams, currentTeam);
257      END LOOP;
258
259  — Laesst jede Mannschaft einmal gegen alle anderen Mannschaften antreten
260      FOR i IN 1..4 LOOP
261

```

```

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 = stageld;
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:
344 — postgres
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:
396 — postgres

```



```

396 --
397
398 CREATE FUNCTION generatematch(bigint , bigint , bigint) RETURNS void
399     LANGUAGE plpgsql
400     AS $_$
401 DECLARE
402     hostTeam ALIAS FOR $1;
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 $$
537 DECLARE
538     createdPlayer Player%ROWTYPE;
539     sequenceValue bigint;
540 BEGIN
541     sequenceValue := getNextSequence();
542
543     INSERT INTO person (id, firstname, lastname)
544     VALUES (sequenceValue, concat('Vorname', sequenceValue), concat('Nachname',
545         sequenceValue));
546
547     INSERT INTO player (id, nickname, club)
548     VALUES (sequenceValue, concat('Nick', sequenceValue), 'FC Seehaeusl');
549
550     SELECT * INTO createdPlayer FROM player WHERE id = sequenceValue;
551
552     return createdPlayer;
553 END
554 $$;
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) ,
590                 concat('Dummystadion',i), countryId);
591         END LOOP;
592     END IF;
593
594     FOR selectedRow IN SELECT * FROM stadium ORDER BY RANDOM() LIMIT 8 LOOP
595         return next selectedRow;
596     END LOOP;
597
598     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;
654 — Tablespace:
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
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     scoringteam_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 (

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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
902 CREATE TABLE tournamentgroup_match (
903     tournamentgroup_groupid bigint NOT NULL,
904     matches_id bigint NOT NULL
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:
923 postgres; Tablespace:
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
1072
1073 ---
1074 --- Name: tournament_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:
1075 ---
1076
1077 ALTER TABLE ONLY tournament
1078     ADD CONSTRAINT tournament_pkey PRIMARY KEY (year);
1079
1080
1081 ---
1082 --- Name: tournamentgroup_match_matches_id_key; Type: CONSTRAINT; Schema: public; Owner:
1083 ---      postgres; Tablespace:
1084
1085 ALTER TABLE ONLY tournamentgroup_match
1086     ADD CONSTRAINT tournamentgroup_match_matches_id_key UNIQUE (matches_id);
1087
1088
1089 ---
1090 --- Name: tournamentgroup_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres;
1091 ---      Tablespace:
1092
1093 ALTER TABLE ONLY tournamentgroup
1094     ADD CONSTRAINT tournamentgroup_pkey PRIMARY KEY (groupid);
1095
1096
1097 ---
1098 --- Name: tournamentgroup_team_teams_id_key; Type: CONSTRAINT; Schema: public; Owner:
1099 ---      postgres; Tablespace:
1100
1101 ALTER TABLE ONLY tournamentgroup_team
1102     ADD CONSTRAINT tournamentgroup_team_teams_id_key UNIQUE (teams_id);
1103
1104
1105 ---
1106 --- Name: fk1fc9f7a09b9d8d6d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1107 ---
1108
1109 ALTER TABLE ONLY advisor
1110     ADD CONSTRAINT fk1fc9f7a09b9d8d6d FOREIGN KEY (id) REFERENCES person(id);
1111
1112
1113 ---
1114 --- Name: fk26e2d0c0d36f2a65; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1115 ---
1116
1117 ALTER TABLE ONLY actor_role
1118     ADD CONSTRAINT fk26e2d0c0d36f2a65 FOREIGN KEY (actor_email) REFERENCES actor(email);
1119
1120
1121 ---
1122 --- Name: fk26e2d0c0e4a0b3e5; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1123 ---
1124
1125 ALTER TABLE ONLY actor_role
1126     ADD CONSTRAINT fk26e2d0c0e4a0b3e5 FOREIGN KEY (roles_name) REFERENCES role(name);
1127
1128
1129 ---

```

```

1130 --- Name: fk26f49674b12939; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1131 ---
1132
1133 ALTER TABLE ONLY role
1134     ADD CONSTRAINT fk26f49674b12939 FOREIGN KEY (tournament_year) REFERENCES tournament(
1135         year);
1136
1137 ---
1138 --- Name: fk26f496da563832; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1139 ---
1140
1141 ALTER TABLE ONLY role
1142     ADD CONSTRAINT fk26f496da563832 FOREIGN KEY (inheritedrole_name) REFERENCES role(
1143         name);
1144
1145 ---
1146 --- Name: fk27b67dfcf4fc9d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1147 ---
1148
1149 ALTER TABLE ONLY team
1150     ADD CONSTRAINT fk27b67dfcf4fc9d FOREIGN KEY (country_id) REFERENCES country(id);
1151
1152 ---
1153 ---
1154 --- Name: fk3525aa1c2801c0aa; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1155 ---
1156
1157 ALTER TABLE ONLY tournamentgroup_match
1158     ADD CONSTRAINT fk3525aa1c2801c0aa FOREIGN KEY (matches_id) REFERENCES match(id);
1159
1160 ---
1161 ---
1162 --- Name: fk3525aa1cd57db48a; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1163 ---
1164
1165 ALTER TABLE ONLY tournamentgroup_match
1166     ADD CONSTRAINT fk3525aa1cd57db48a FOREIGN KEY (tournamentgroup_groupid) REFERENCES
1167         tournamentgroup(groupid);
1168
1169 ---
1170 --- Name: fk3b74360966de6d99; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1171 ---
1172
1173 ALTER TABLE ONLY tournament
1174     ADD CONSTRAINT fk3b74360966de6d99 FOREIGN KEY (finalmatch_id) REFERENCES match(id);
1175
1176 ---
1177 ---
1178 --- Name: fk3b7436097d361fb7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1179 ---
1180
1181 ALTER TABLE ONLY tournament
1182     ADD CONSTRAINT fk3b7436097d361fb7 FOREIGN KEY (groupstage_id) REFERENCES groupstage(
1183         id);
1184
1185 ---
1186 --- Name: fk3b743609fcd043a4; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1187 ---
1188
1189 ALTER TABLE ONLY tournament
1190     ADD CONSTRAINT fk3b743609fcd043a4 FOREIGN KEY (matchforthirdplace_id) REFERENCES
1191         match(id);
1192

```

```

1193 ---
1194 --- Name: fk46ae9a515c9d2b6; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1195 ---
1196
1197 ALTER TABLE ONLY match
1198     ADD CONSTRAINT fk46ae9a515c9d2b6 FOREIGN KEY (stadium_stadiumid) REFERENCES stadium(
1199         stadiumid);
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
1207         (year);
1208
1209 ---
1210 --- Name: fk46ae9a5d4eae9bd3; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1211 ---
1212
1213 ALTER TABLE ONLY match
1214     ADD CONSTRAINT fk46ae9a5d4eae9bd3 FOREIGN KEY (group_groupid) REFERENCES
1215         tournamentgroup(groupid);
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
1255         tournament(year);
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(
1263         id);
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);
1328
1329 ---
1330 --- Name: fkabf317a7db034f8f; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1331 ---
1332
1333 ALTER TABLE ONLY tournament_stadium
1334     ADD CONSTRAINT fkabf317a7db034f8f FOREIGN KEY (stadiums_stadiumid) REFERENCES
1335         stadium(stadiumid);
1336
1337 ---
1338 --- Name: fkb7678b26cdc8c6de; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1339 ---
1340
1341 ALTER TABLE ONLY tournamentgroup_team
1342     ADD CONSTRAINT fkb7678b26cdc8c6de FOREIGN KEY (teams_id) REFERENCES team(id);
1343
1344 ---
1345 ---
1346 --- Name: fkb7678b26d57db48a; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1347 ---
1348
1349 ALTER TABLE ONLY tournamentgroup_team
1350     ADD CONSTRAINT fkb7678b26d57db48a FOREIGN KEY (tournamentgroup_groupid) REFERENCES
1351         tournamentgroup(groupid);
1352
1353 ---
1354 --- Name: fkbfc93acf60766fd; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1355 ---
1356
1357 ALTER TABLE ONLY match_matchevent
1358     ADD CONSTRAINT fkbfc93acf60766fd FOREIGN KEY (match_id) REFERENCES match(id);
1359
1360 ---
1361 ---
1362 --- Name: fkbfc93acfdcc26853; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1363 ---
1364
1365 ALTER TABLE ONLY match_matchevent
1366     ADD CONSTRAINT fkbfc93acfdcc26853 FOREIGN KEY (events_id) REFERENCES matchevent(id);
1367
1368 ---
1369 ---
1370 --- Name: fkc243699401023a7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1371 ---
1372
1373 ALTER TABLE ONLY actor_permission
1374     ADD CONSTRAINT fkc243699401023a7 FOREIGN KEY (permissions_id) REFERENCES permission
1375         (id);
1376
1377 ---
1378 --- Name: fkc243699d36f2a65; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1379 ---
1380
1381 ALTER TABLE ONLY actor_permission
1382     ADD CONSTRAINT fkc243699d36f2a65 FOREIGN KEY (actor_email) REFERENCES actor(email);
1383
1384

```

```

1385 ---
1386 --- Name: fkd4e5f70318f27aa6; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1387 ---
1388
1389 ALTER TABLE ONLY team_player
1390     ADD CONSTRAINT fkd4e5f70318f27aa6 FOREIGN KEY (players_id) REFERENCES player(id);
1391
1392
1393 ---
1394 --- Name: fkd4e5f703db6578d7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1395 ---
1396
1397 ALTER TABLE ONLY team_player
1398     ADD CONSTRAINT fkd4e5f703db6578d7 FOREIGN KEY (team_id) REFERENCES team(id);
1399
1400
1401 ---
1402 --- Name: fkd7c3a68b1fd58223; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1403 ---
1404
1405 ALTER TABLE ONLY match_match
1406     ADD CONSTRAINT fkd7c3a68b1fd58223 FOREIGN KEY (match_id) REFERENCES match(id);
1407
1408
1409 ---
1410 --- Name: fkd7c3a68b884bbd1; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1411 ---
1412
1413 ALTER TABLE ONLY match_match
1414     ADD CONSTRAINT fkd7c3a68b884bbd1 FOREIGN KEY (childs_id) REFERENCES match(id);
1415
1416
1417 ---
1418 --- Name: fke491d7f560766fd; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1419 ---
1420
1421 ALTER TABLE ONLY matchevent
1422     ADD CONSTRAINT fke491d7f560766fd FOREIGN KEY (match_id) REFERENCES match(id);
1423
1424
1425 ---
1426 --- Name: fke491d7f56a9e6294; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1427 ---
1428
1429 ALTER TABLE ONLY matchevent
1430     ADD CONSTRAINT fke491d7f56a9e6294 FOREIGN KEY (scoringteam_id) REFERENCES team(id);
1431
1432
1433 ---
1434 --- Name: fke491d7f5c7168977; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1435 ---
1436
1437 ALTER TABLE ONLY matchevent
1438     ADD CONSTRAINT fke491d7f5c7168977 FOREIGN KEY (newplayer_id) REFERENCES player(id);
1439
1440
1441 ---
1442 --- Name: fke491d7f5db6578d7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1443 ---
1444
1445 ALTER TABLE ONLY matchevent
1446     ADD CONSTRAINT fke491d7f5db6578d7 FOREIGN KEY (team_id) REFERENCES team(id);
1447
1448
1449 ---
1450 --- Name: fke491d7f5df1dd7b0; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1451 ---
1452

```



```

1453 ALTER TABLE ONLY matchevent
1454     ADD CONSTRAINT fke491d7f5df1dd7b0 FOREIGN KEY (involvedplayer_id) REFERENCES player(
1455         id);
1456
1457 ---
1458 --- Name: fkf21d53ddfcf4fc9d; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1459 ---
1460
1461 ALTER TABLE ONLY stadium
1462     ADD CONSTRAINT fkf21d53ddfcf4fc9d FOREIGN KEY (country_id) REFERENCES country(id);
1463
1464 ---
1465 --- Name: fkf8a56938401023a7; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1466 ---
1467 ---
1468
1469 ALTER TABLE ONLY role_permission
1470     ADD CONSTRAINT fkf8a56938401023a7 FOREIGN KEY (permissions_id) REFERENCES permission
1471         (id);
1472
1473 ---
1474 --- Name: fkf8a569386ac4edcc; Type: FK CONSTRAINT; Schema: public; Owner: postgres
1475 ---
1476
1477 ALTER TABLE ONLY role_permission
1478     ADD CONSTRAINT fkf8a569386ac4edcc FOREIGN KEY (role_name) REFERENCES role(name);
1479
1480 ---
1481 --- PostgreSQL database dump complete
1482 ---
1483

```