**Table Creation Queries**

CREATE TABLE dzc\_faction (

id int(4) NOT NULL AUTO\_INCREMENT,

name varchar(255) NOT NULL,

hallmark varchar(255),

PRIMARY KEY (id),

UNIQUE KEY (name)

) ENGINE=InnoDB;

CREATE TABLE dzc\_category (

id int(4) NOT NULL AUTO\_INCREMENT,

name varchar(255) NOT NULL,

special varchar(255),

PRIMARY KEY (id),

UNIQUE KEY (name)

) ENGINE=InnoDB;

CREATE TABLE dzc\_squadsize (

ssmin int(3) NOT NULL,

ssmax int(3) NOT NULL,

ssfixed BOOLEAN NOT NULL,

mid int(3),

sstext varchar(255) NOT NULL,

PRIMARY KEY (ssmin,ssmax,ssfixed)

) ENGINE=InnoDB;

CREATE TABLE dzc\_unit (

id int(4) NOT NULL AUTO\_INCREMENT,

fid int(4),

name varchar(255) NOT NULL,

armor int(3) NOT NULL,

mv int(3) NOT NULL,

cm varchar(25),

dp int(3) NOT NULL,

pts int(4),

utype varchar(25) NOT NULL,

catid int(4),

fkssmin int(3),

fkssmax int(3),

fkssfixed BOOL,

coherency varchar(25) NOT NULL,

special varchar(255),

PRIMARY KEY (id),

UNIQUE KEY (name),

FOREIGN KEY (fid) REFERENCES dzc\_faction (id) ON DELETE SET NULL ON UPDATE CASCADE,

FOREIGN KEY (catid) REFERENCES dzc\_category (id) ON DELETE SET NULL ON UPDATE CASCADE,

FOREIGN KEY (fkssmin,fkssmax,fkssfixed) REFERENCES dzc\_squadsize (ssmin,ssmax,ssfixed) ON DELETE SET NULL ON UPDATE CASCADE

) ENGINE=InnoDB;

CREATE TABLE dzc\_weapon (

id int(4) NOT NULL AUTO\_INCREMENT,

fid int(4),

name varchar(255) NOT NULL,

energy int(3),

sh int(3) NOT NULL,

ac int(3) NOT NULL,

rf int(3),

rc int(3),

special varchar(255),

PRIMARY KEY (id),

UNIQUE KEY (name),

FOREIGN KEY (fid) REFERENCES dzc\_faction (id) ON DELETE SET NULL ON UPDATE CASCADE

) ENGINE=InnoDB;

CREATE TABLE dzc\_unit\_weapon (

uid int(4),

wid int(4),

mf int(3) NOT NULL,

arc varchar(25) NOT NULL,

PRIMARY KEY (uid,wid,arc),

FOREIGN KEY (uid) REFERENCES dzc\_unit (id) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (wid) REFERENCES dzc\_weapon (id) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB;

**General Use Queries**

SELECT f.name, f.hallmark FROM dzc\_faction f

SELECT c.name, c.special FROM dzc\_category c

SELECT ss.ssmin, ss.ssmax, ss.ssfixed, ss.mid FROM dzc\_squadsize ss

SELECT ssmin,ssmax,ssfixed,sstext FROM dzc\_squadsize

SELECT name from dzc\_faction WHERE id=['faction']

SELECT f.id, u.id, f.name, u.name, u.armor, u.mv, u.cm, u.dp, u.pts, u.utype, c.name, ss.sstext, u.coherency, u.special

FROM dzc\_faction f INNER JOIN

dzc\_unit u ON u.fid=f.id INNER JOIN

dzc\_category c ON c.id=u.catid INNER JOIN

dzc\_squadsize ss ON ss.ssmin=u.fkssmin AND ss.ssmax=u.fkssmax AND ss.ssfixed=u.fkssfixed

WHERE f.id=['faction']

ORDER BY u.id

SELECT f.id, w.id, w.name, w.energy, w.sh, w.ac, w.rf, w.rc, w.special

FROM dzc\_faction f INNER JOIN

dzc\_weapon w ON w.fid=f.id

WHERE f.id=['faction']

GROUP BY w.id

SELECT f.id, u.id, f.name, u.name, u.armor, u.mv, u.cm, u.dp, u.pts, u.utype, c.name, ss.sstext, u.coherency, u.special,

w.id, w.name, w.energy, w.sh, w.ac, w.rf, w.rc, uw.mf, uw.arc, w.special

FROM dzc\_faction f INNER JOIN

dzc\_unit u ON u.fid=f.id INNER JOIN

dzc\_category c ON c.id=u.catid INNER JOIN

dzc\_squadsize ss ON ss.ssmin=u.fkssmin AND ss.ssmax=u.fkssmax AND ss.ssfixed=u.fkssfixed INNER JOIN

dzc\_unit\_weapon uw ON uw.uid=u.id INNER JOIN

dzc\_weapon w ON w.id = uw.wid

WHERE f.id=" ['faction'] . "

ORDER BY u.id, w.id

INSERT INTO dzc\_category(name, special) VALUES (['categoryName'],['categorySpecial'])

INSERT INTO dzc\_faction(name, hallmark) VALUES (['factionName'],['factionHallmark'])

INSERT INTO dzc\_squadsize(ssmin, ssmax, ssfixed, mid, sstext) VALUES (['ssMin'],['ssMax'],[$fixed],['ssMid'],[$sstext])

INSERT INTO dzc\_unit(fid, name, armor, mv, cm, dp, pts, utype, catid, fkssmin, fkssmax, fkssfixed, coherency, special) VALUES (['faction'],['unitName'],['armor'],['mv'],['cm'],['dp'],['pts'],['utype'],['category'],[$ss],['coherency'],['special'])

INSERT INTO dzc\_unit\_weapon(uid, wid, mf, arc) VALUES (['unit'],['weapon'],['mf'],['arc'])

INSERT INTO dzc\_weapon(fid, name, energy, sh, ac, rf, rc, special) VALUES (['faction'],['weaponName'],['energy'],['sh'],['ac'],['rf'],['rc'],['special'])

DELETE FROM dzc\_category WHERE id=['category']

DELETE FROM dzc\_faction WHERE id=['faction']

DELETE FROM dzc\_squadsize WHERE ssmin=[min] AND ssmax=[max] AND ssfixed=[fixed Bool]

DELETE FROM dzc\_unit WHERE id=['uid']

DELETE FROM dzc\_unit\_weapon WHERE uid=['uid']

DELETE FROM dzc\_weapon WHERE id=['wid']

DELETE FROM dzc\_unit\_weapon WHERE wid=['wid']

DELETE FROM dzc\_unit\_weapon WHERE uid=['uid'] AND wid=['wid'] AND arc=['arc']

UPDATE dzc\_category c SET c.name=(?) WHERE c.id=['category']

UPDATE dzc\_category c SET c.special=(?) WHERE c.id=['category']

UPDATE dzc\_faction f SET f.name=(?) WHERE f.id=['faction']

UPDATE dzc\_faction f SET f.hallmark=(?) WHERE f.id=['faction']