

## 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']
```