

The diagram illustrates the following entities and their attributes:

- escaped**:
  - escaped\_id (SERIAL, PK)
  - bed\_id (INT, FK)
  - alcoholic\_id (INT, FK)
  - happened\_at (DATE, NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- officer**:
  - officer\_id (SERIAL, PK)
  - first\_name (VARCHAR(20), NOT NULL)
  - last\_name (VARCHAR(20), NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- alcoholic**:
  - alcoholic\_id (SERIAL, PK)
  - first\_name (VARCHAR(20), NOT NULL)
  - last\_name (VARCHAR(20), NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- alcohol**:
  - alco\_id (SERIAL, PK)
  - title (VARCHAR(20), UNIQUE, NOT NULL)
  - kind (VARCHAR(20), NOT NULL)
  - additional\_info (TEXT)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- incident\_info**:
  - incident\_info\_id (SERIAL, PK)
  - alco\_id (INT, FK)
  - incident\_id (INT, FK)
  - drank\_at (TIMESTAMP, NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- incident**:
  - incident\_id (SERIAL, PK)
  - additional\_info (TEXT)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- fainted**:
  - fainted\_id (SERIAL, PK)
  - alcoholic\_id (INT, FK)
  - happened\_at (DATE, NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- trailed**:
  - trailed\_id (SERIAL, PK)
  - incident\_id (INT, FK)
  - alcoholic\_id (INT, FK)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- capture**:
  - capture\_id (SERIAL, PK)
  - officer\_id (INT, FK)
  - alcoholic\_id (INT, FK)
  - bed\_id (INT, FK)
  - caught\_at (TIMESTAMP, NOT NULL)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
- bird\_status**:
  - exchange\_id (SERIAL, PK)
  - bed\_id (INT, FK)
  - alcoholic\_id (INT, FK)
  - officer\_id (INT, FK)
  - stay\_start (TIMESTAMP, NOT NULL)
  - stay\_end (TIMESTAMP)
  - created\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)
  - updated\_at (TIMESTAMP, DEFAULT CURRENT\_TIMESTAMP)

Relationships are indicated by lines with crow's foot notation:

- escaped** to **alcoholic**: One-to-many relationship.
- escaped** to **officer**: One-to-many relationship.
- escaped** to **bird\_status**: One-to-many relationship.
- alcoholic** to **alcohol**: One-to-many relationship.
- alcoholic** to **incident\_info**: One-to-many relationship.
- alcoholic** to **incident**: One-to-many relationship.
- alcoholic** to **fainted**: One-to-many relationship.
- alcoholic** to **trailed**: One-to-many relationship.
- alcoholic** to **capture**: One-to-many relationship.
- alcoholic** to **bird\_status**: One-to-many relationship.
- alcohol** to **incident\_info**: One-to-many relationship.
- incident\_info** to **incident**: One-to-many relationship.
- fainted** to **incident**: One-to-many relationship.
- trailed** to **incident**: One-to-many relationship.
- capture** to **incident**: One-to-many relationship.
- bird\_status** to **incident**: One-to-many relationship.

- **alcoholic** - all needed information about alcoholic: first name, last name;
- **officer** - all needed information about officer: first name, last name;
- **alcohol** - all needed information about alcohol: title, kind;
- **bed** - all needed information about bed: number, type;
- **trailed** - information about the groups of alcoholics that were drinking alcohol together;
- **incident** - is a bridge between trailed and incident\_info tables;
- **incident\_info** - information about drinking alcohol by the groups of alcoholics;
- **fainted** - information about the loss of consciousness of different alcoholics;
- **capture** - information about the capture of the alcoholic by officer;
- **released** - information about the releases of certain alcoholics by officers;
- **escaped** - information about the escapes of the alcoholics;
- **bed\_status** - information about bed exchanges;