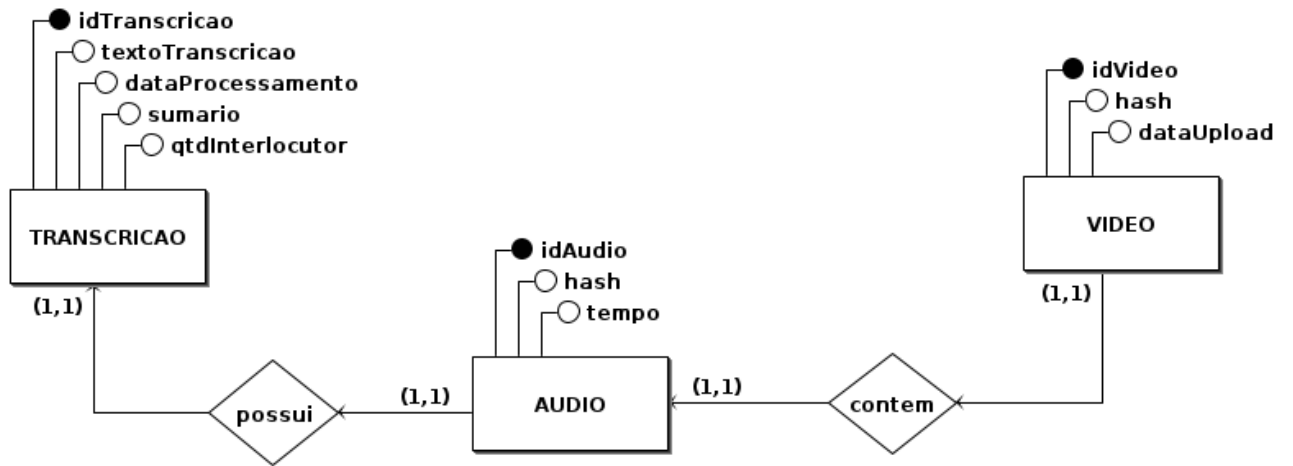


Modelagem de Dados

- [DER](#)
- [DLD](#)
- [FISICO SQL](#)

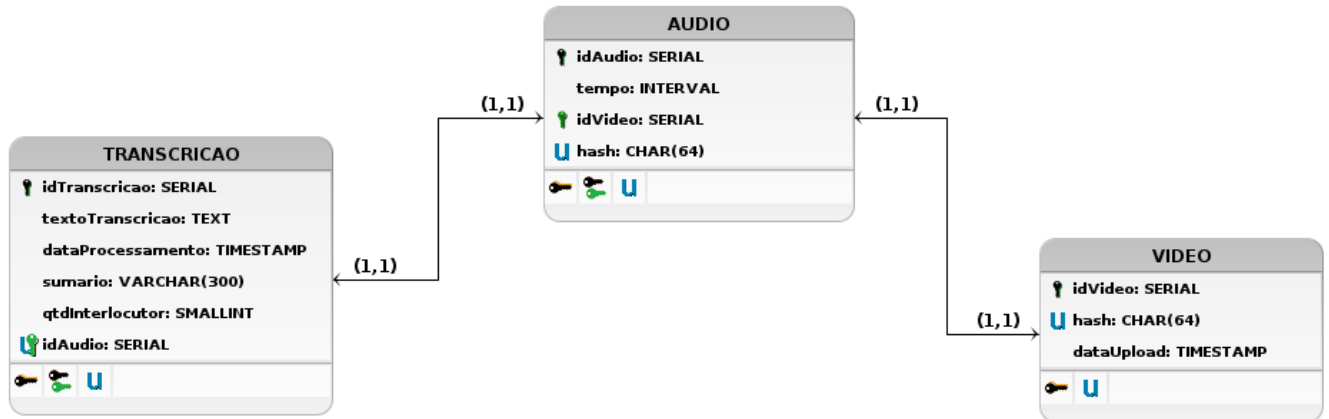
DER

DIAGRAMA ENTIDADE RELACIONAMENTO



DLD

DIAGRAMA LOGICO DE DADOS



FISICO SQL

```
-- SCRIPT FISICO (DDL)
--
-- Data Criacao .....: 30/09/2025
-- Autor(es) .....: Paulo Henrique Virgilio Cerqueira
-- Banco de Dados .....: postgres:13-alpine
--
-- PROJETO => 01 Base de Dados
-- => 03 Tabelas
-----
```

```
CREATE TABLE video (
idVideo SERIAL NOT NULL,
hash CHAR(64) NOT NULL UNIQUE,
dataUpload TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
CONSTRAINT pk_video PRIMARY KEY (idVideo)
);
```

```
CREATE TABLE audio (
idAudio SERIAL NOT NULL,
idVideo INT UNIQUE NOT NULL, -- 1:1 com video
tempo INTERVAL,
formato VARCHAR(10),
hash CHAR(64) NOT NULL UNIQUE,
CONSTRAINT pk_audio PRIMARY KEY (idAudio),
CONSTRAINT fk_audio_video FOREIGN KEY (idVideo) REFERENCES video(idVideo)
ON DELETE CASCADE
);
```

```
CREATE TABLE transcricao (
idTranscricao SERIAL NOT NULL,
idAudio INT UNIQUE NOT NULL, -- 1:1 com audio
textoTranscricao TEXT NOT NULL,
dataProcessamento TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
sumario VARCHAR(255),
CONSTRAINT pk_transcricao PRIMARY KEY (idTranscricao),
CONSTRAINT fk_transcricao_audio FOREIGN KEY (idAudio) REFERENCES audio(idAudio)
ON DELETE CASCADE
);
```