Querying the FileSystem with GraphQL

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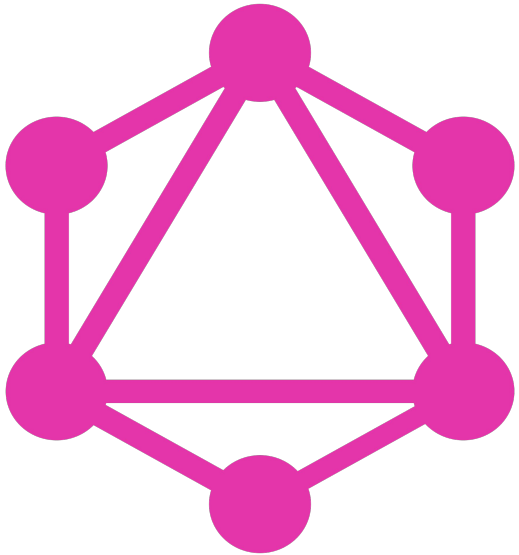
MEDALLIA



GraphQL

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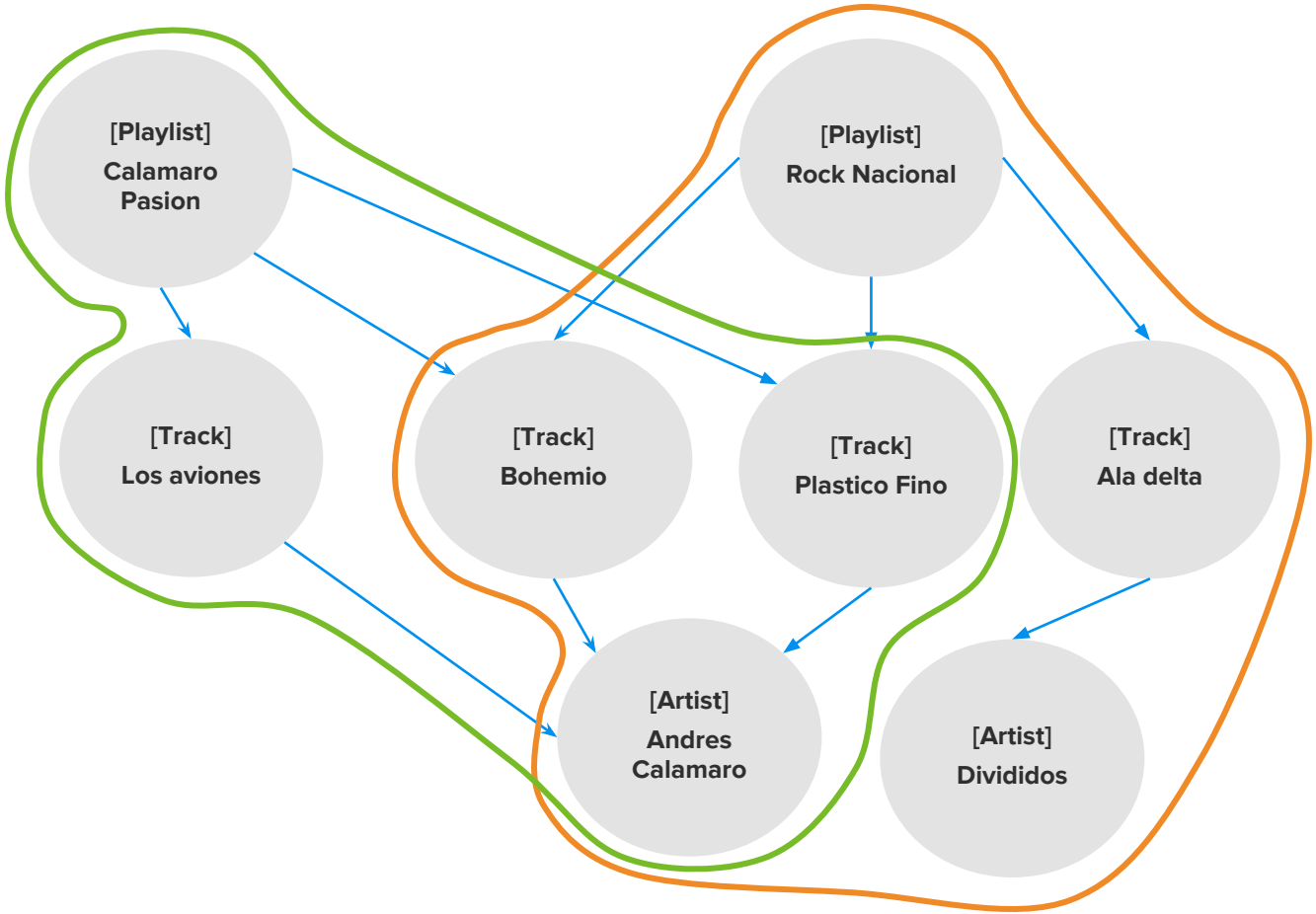

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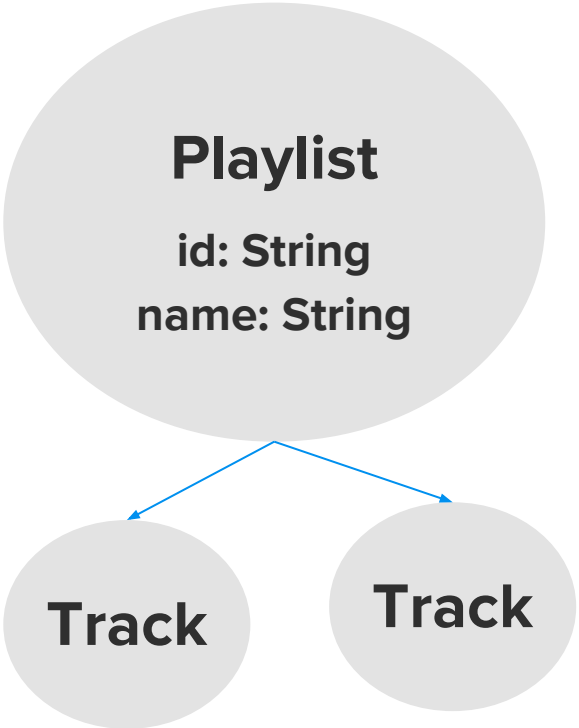
Declaración de un tipo




```
type Playlist {
  id: String
  name: String
  tracks: [Track]
}
```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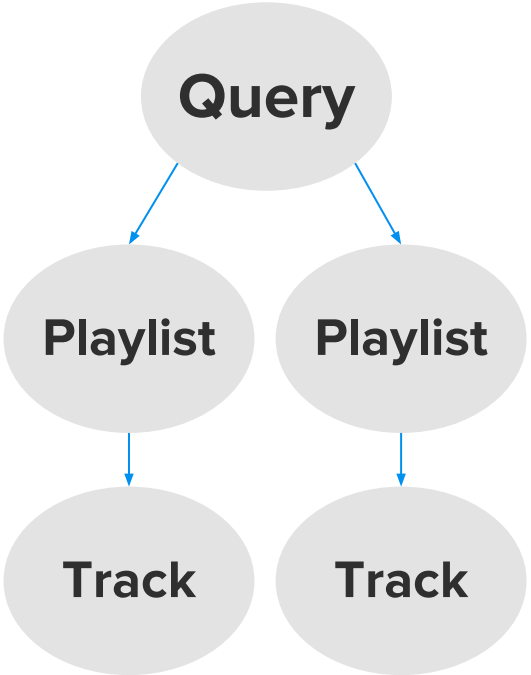
Consultas - tipo Query




```
type Query {
  playlist(id: String): Playlist
  playlists: [Playlist]
  artist(id: String): Artist
  artists: [Artist]
  track(id: String): Track
  tracks: [Track]
}
```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Consultas - ejemplo

```
query getPlaylist {
  playlist(id: "playlist-1") {
    id
    name
    tracks {
      id
      name
      artist {
        name
      }
    }
  }
}
```


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Consultas - respuesta

```
{
  data: {
    playlist: {
      id: "playlist-1",
      name: "Rock Nacional",
      tracks: [{
        id: "track-1",
        name: "Ala Delta",
        artist: {
          name: "Divididos"
        },
      }],
    }
  }
}
```


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Resolvers - ejemplos

```
type Query {
  track(id: String): T,
}
type T {
  id: String,
  name: String,
}
```

```
const tracksData = {
  track1: {
    id: 'track1',
    name: 'Ala Delta',
    artistId: 'artist1',
  },
};
const resolvers = {
  Query: {
    track: (obj, param) => {
      return tracksData
        [param.id];
    }
  },
};
```

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Resolvers - ejemplos

```
type Query {
  track(id: String): T,
}
type T {
  id: String,
  name: String,
  artist: A,
}
type A {
  id: String,
  name: String,
}
```

```
const tracksData = {...};
const artistData = {...};
const resolvers = {
  Query: {
    track: (obj, param) => {
      return tracksData
        [param.id];
    },
  },
  T: {
    artist: obj =>
      artistData
        [obj.artistId],
  },
};
```

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