



Preserving the future

# Database preservation

DPC training course

Practical session (advanced)

Day 2, afternoon

Trainers: Luis Faria, Miguel Guimarães

## **Agenda for this afternoon**

13:45 Introduction to the practical session *by Miguel*

14:15 Challenge support and question answering

16:00 Demonstration of exercises and feedback *by Miguel*

16:30 Discussion and next steps *by Jenny*

17:00 Close

The background features a series of vertical lines of varying thickness and color, ranging from dark grey to bright red. The lines are slightly blurred and create a sense of depth and movement. The overall composition is abstract and modern.

# **Introduction to the practical session**

## Activities on DBPTK Desktop

Advanced export:

- Select the **actor**, **category**, **film**, **film\_actor**, **film\_category**, **language** table
- Don't select **last\_update** columns from the previous selected tables
- Select **film\_list** and **nicer\_but\_slower\_film\_list\_view** and deselect the others
- Select **nicer\_but\_slower\_film\_list** to materialize
- Create a custom view for the query:  

```
select address.address, address.district, city.city, country.country from sakila.address address, sakila.city city, sakila.country country where address.city_id = city.city_id and city.country_id = country.country_id
```
- Save the lobs outside the SIARD file

### Database connection information

hostname: dpc.database-preservation.com

port number: 3306

user name: (provided)

password: (provided)

database: sakila

## Activities on DBPTK Enterprise

Do an advanced search and save it

Hide the table **film\_text** and store

Edit film table name and description

Configure the table customer to show only **first\_name**, **last\_name** and **email** from the overall view

Perform a data transformation over:

- **film** table: Include the actors (first name and last name)
- **actor** table: Include the films (title, description, year and rating)

# **Challenge support and question answering**

Breakout rooms available, ask Jenny on the chat

Checkpoint at 15:15

GMT+1

## **Checkpoint**

Up to which task did you managed to do?

What is blocking you to go forward?

What are the main issues you have encountered?

## Activities for the brave (1)

Make the Film table look like this

Title	List of actors	Description	Release Year	Rating
<small>The title of the film.</small>	<small>List of actors</small>	<small>A short description or plot summary of the film.</small>	<small>The year in which the movie was released.</small>	<small>The rating assigned to the film. Can be one of: G, PG, PG...</small>
ACADEMY DINOSAUR	PENELOPE GUINNESS CHRISTIAN GABLE LUCILLE TRACY SANDRA PECK JOHNNY CAGE MENA TEMPLE WARREN NOLTE OPRAH KILMER ROCK DUKAKIS MARY KEITEL	A Epic Drama of a Feminist And a Mad Scientist v	2006	PG
ACE GOLDFINGER	BOB FAWCETT MINNIE ZELLWEGER SEAN GUINNESS CHRIS DEPP	A Astounding Epistle of a Database Administratc	2006	G
ADAPTATION HOLES	NICK WAHLBERG BOB FAWCETT CAMERON STREEP RAY JOHANSSON JULIANNE DENCH	A Astounding Reflection of a Lumberjack And a t	2006	NC-17
AFFAIR PREJUDICE	JODIE DEGENERES SCARLETT DAMON KENNETH PESCI FAY WINSLET OPRAH KILMER	A Fanciful Documentary of a Frisbee And a Lumb	2006	G



## **Activities for the brave (2)**

Which film earned the most to the rental store?

## Activities for the brave (3)

Use the DBPTK Developer to generate an import config file.

Edit the import config file to ignore all database behaviour (e.g. routines)

Use the import config file to create a SIARD file

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database: sakila

# **Demonstration of exercises and feedback**

16h00 - 16h30

GMT+1

The background consists of numerous vertical lines of varying lengths and thicknesses, creating a dense, textured effect. The color palette is primarily dark red and black, with some lighter red highlights. The lines are oriented vertically, with some appearing to recede into the distance, giving a sense of depth.

## **Discussion and next steps**

## **Next steps**

Evaluation form

Training material and recording

Participation certificates

Helpdesk



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Thank you.