Documentation Plateforme_streaming-video

Data Dictionary

24.01.2021

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Legend

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- ⊱ User-defined many to one relation
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- ⋈ User-defined many to many relation
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- 🗐 Used by dependency
- 🗐 User-defined used by dependency

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1. Tables

1.1. Table: account

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		firstName	varchar(100)	**Nullable**
▤		lastName	varchar(100)	**Nullable**
▤		birth	date	**Nullable**
▤		npa	int	**Nullable**
▤		city	varchar(50)	**Nullable**
▤		street	varchar(100)	**Nullable**
▤		email	varchar(100)	
▤		phone	int	**Nullable**
▤		meansOfPayment_id	int	**References**: meansOfPayment
▤		subscriptions_id	int	**References**: subscriptions

Links to

	Table	Join	Title / Name / Description
⤙	meansOfPayment	**account**meansOfPayment_id = meansOfPaymentid	fk_account_meansOfPayment1
⤙	subscriptions	**account**subscriptions_id = subscriptionsid	fk_account_subscriptions1

Linked from

	Table	Join	Title / Name / Description
⤚	users	**account**id = usersaccount_id	fk_users_account1

Unique keys

		Name / Description
🔑	id	PK__account__3213E83F0F83EA10

1.2. Table: ageRestrictions

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		age	int	
▤		description	varchar(200)	**Nullable**
▤		episodes_id	int	**References**: episodes

Links to

	Table	Join	Title / Name / Description
⤙	episodes	**ageRestrictions**episodes_id = episodesid	fk_ageRestrictions_episodes1

Linked from

	Table	Join	Title / Name / Description
⤛	movies	**ageRestrictions**id = moviesageRestrictions_id	fk_movies_ageRestrictions1
⤛	users	**ageRestrictions**id = usersageRestrictions_id	fk_users_ageRestrictions1

Unique keys

		Name / Description
🔑	id	PK__ageRestr__3213E83FD180C135

1.3.   Table: audioResolutions

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	**Nullable**
▤		resolution	int	**Nullable**
▤		format	varchar(50)	**Nullable**
▤		episodes_id	int	**References**: episodes

Links to

	Table	Join	Title / Name / Description
⤙	episodes	**audioResolutions**episodes_id = episodesid	fk_audioResolutions_episodes1

Linked from

	Table	Join	Title / Name / Description
⤛	movies	**audioResolutions**id = moviesaudioResolutions_id	fk_movies_audioResolutions1

Unique keys

		Name / Description
🔑	id	PK__audioRes__3213E83FDF94BA92

1.4.   Table: categories

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	

		Name	Data type	Description / Attributes
▤		type	varchar(50)	**Nullable**
▤		description	varchar(200)	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤙	categories_has_movies	**categories**id = categories_has_moviescategories_id	fk_categories_has_movies_categories1
⤙	categories_has_series	**categories**id = categories_has_seriescategories_id	fk_categories_has_series_categories1

Unique keys

		Name / Description
🔑	id	PK__categori__3213E83F3DF9D3F7

1.5. Table: categories_has_movies

Columns

		Name	Data type	Description / Attributes
▤		categories_id	int	**References**: categories
▤		movies_id	int	**References**: movies

Links to

	Table	Join	Title / Name / Description
⤚	categories	**categories_has_movies**categories_id = categoriesid	fk_categories_has_movies_categories1
⤚	movies	**categories_has_movies**movies_id = moviesid	fk_categories_has_movies_movies1

1.6. Table: categories_has_series

Columns

		Name	Data type	Description / Attributes
▤		categories_id	int	**References**: categories
▤		series_id	int	**References**: series

Links to

	Table	Join	Title / Name / Description
⤚	categories	**categories_has_series**categories_id = categoriesid	fk_categories_has_series_categories1
⤚	series	**categories_has_series**series_id = seriesid	fk_categories_has_series_series1

1.7. Table: episodes

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		title	varchar(50)	
▤		number	int	
▤		duration	time(7)	**Nullable**
▤		description	varchar(200)	**Nullable**
▤		miniature	image	**Nullable**
▤		evaluation	float	**Nullable**
▤		seasons_id	int	**References**: seasons
▤		imageResolutions_id	int	**References**: imageResolutions

Links to

	Table	Join	Title / Name / Description
⊶	imageResolutions	**episodes**imageResolutions_id = imageResolutionsid	fk_episodes_imageResolutions1
⊶	seasons	**episodes**seasons_id = seasonsid	fk_episodes_seasons1

Linked from

	Table	Join	Title / Name / Description
⤝	ageRestrictions	**episodes**id = ageRestrictionsepisodes_id	fk_ageRestrictions_episodes1
⤝	audioResolutions	**episodes**id = audioResolutionsepisodes_id	fk_audioResolutions_episodes1
⤝	episodes_has_roles	**episodes**id = episodes_has_rolesepisodes_id	fk_episodes_has_roles_episodes1
⤝	users_has_episodes	**episodes**id = users_has_episodesepisodes_id	fk_users_has_episodes_episodes1

Unique keys

		Name / Description
🔑	id	PK__episodes__3213E83F8CFC69A5

1.8.   Table: episodes_has_roles

Columns

		Name	Data type	Description / Attributes
▤		episodes_id	int	**References**: episodes
▤		roles_id	int	**References**: roles

Links to

	Table	Join	Title / Name / Description
⊶	episodes	**episodes_has_roles**episodes_id = episodesid	fk_episodes_has_roles_episodes1
⊶	roles	**episodes_has_roles**roles_id = rolesid	fk_episodes_has_roles_roles1

1.9. Table: favorites

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	
▤		users_id	int	**References**: users

Links to

	Table	Join	Title / Name / Description
⤙	users	**favorites**users_id = usersid	fk_favorites_users1

Linked from

	Table	Join	Title / Name / Description
⤚	favorites_has_movies	**favorites**id = favorites_has_moviesfavorites_id	fk_favorites_has_movies_favorites1
⤚	favorites_has_series	**favorites**id = favorites_has_seriesfavorites_id	fk_favorites_has_series_favorites1

Unique keys

		Name / Description
🔑	id	PK__favorite__3213E83F50867760

1.10. Table: favorites_has_movies

Columns

		Name	Data type	Description / Attributes
▤		favorites_id	int	**References**: favorites
▤		movies_id	int	**References**: movies

Links to

	Table	Join	Title / Name / Description
⤙	favorites	**favorites_has_movies**favorites_id = favoritesid	fk_favorites_has_movies_favorites1
⤙	movies	**favorites_has_movies**movies_id = moviesid	fk_favorites_has_movies_movies1

1.11. Table: favorites_has_series

Columns

		Name	Data type	Description / Attributes
▤		favorites_id	int	**References**: favorites
▤		series_id	int	**References**: series

Links to

	Table	Join	Title / Name / Description
⊷	favorites	**favorites_has_series**favorites_id = favoritesid	fk_favorites_has_series_favorites1
⊷	series	**favorites_has_series**series_id = seriesid	fk_favorites_has_series_series1

1.12.   Table: imageResolutions

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	**Nullable**
▤		height	int	**Nullable**
▤		width	int	**Nullable**
▤		colorsFormats	varchar(5)	**Nullable**
▤		hdr	tinyint	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤙	episodes	**imageResolutions**id = episodesimageResolutions_id	fk_episodes_imageResolutions1
⤙	movies	**imageResolutions**id = moviesimageResolutions_id	fk_movies_imageResolutions1
⤙	subscriptions_has_imageResolutions	**imageResolutions**id = subscriptions_has_imageResolutionsimageResolutions_id	fk_subscriptions_has_imageResolutions_imageResolutions1

Unique keys

		Name / Description
🔑	id	PK__imageRes__3213E83FB7176F2D

1.13.   Table: meansOfPayment

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	

Linked from

	Table	Join	Title / Name / Description
⤙	account	**meansOfPayment**id = accountmeansOfPayment_id	fk_account_meansOfPayment1

Unique keys

		Name / Description
🔑	id	PK__meansOfP__3213E83F97B7DB47

1.14. Table: movies

Columns

		Name	Data type	Description / Attributes
🗏	🔑	id	int	**Identity / Auto increment**
🗏		title	varchar(50)	**Nullable**
🗏		date	date	**Nullable**
🗏		description	varchar(200)	**Nullable**
🗏		duration	time(7)	**Nullable**
🗏		miniature	image	**Nullable**
🗏		trailer	image	**Nullable**
🗏		evaluation	float	**Nullable**
🗏		audioResolutions_id	int	**References**: audioResolutions
🗏		ageRestrictions_id	int	**References**: ageRestrictions
🗏		imageResolutions_id	int	**References**: imageResolutions

Links to

	Table	Join	Title / Name / Description
⤙	ageRestrictions	**movies**ageRestrictions_id = ageRestrictionsid	fk_movies_ageRestrictions1
⤙	audioResolutions	**movies**audioResolutions_id = audioResolutionsid	fk_movies_audioResolutions1
⤙	imageResolutions	**movies**imageResolutions_id = imageResolutionsid	fk_movies_imageResolutions1

Linked from

	Table	Join	Title / Name / Description
⤛	categories_has_movies	**movies**id = categories_has_moviesmovies_id	fk_categories_has_movies_movies1
⤛	favorites_has_movies	**movies**id = favorites_has_moviesmovies_id	fk_favorites_has_movies_movies1
⤛	productionStudios_has_movies	**movies**id = productionStudios_has_moviesmovies_id	fk_productionStudios_has_movies_movies1
⤛	roles_has_movies	**movies**id = roles_has_moviesmovies_id	fk_roles_has_movies_movies1
⤛	users_has_movies	**movies**id = users_has_moviesmovies_id	fk_users_has_movies_movies1

Unique keys

		Name / Description
🔑	id	PK__movies__3213E83F80D71F7A

1.15. Table: people

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		firstName	varchar(50)	**Nullable**
▤		lastName	varchar(50)	**Nullable**
▤		email	varchar(100)	
▤		phone	int	**Nullable**
▤		birth	date	**Nullable**
▤		npa	int	**Nullable**
▤		city	varchar(50)	**Nullable**
▤		street	varchar(100)	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤚<	roles	**people**id = rolespeople_id	fk_roles_people1

Unique keys

		Name / Description
🔑	id	PK__people__3213E83F7B9B4955

1.16.   Table: productionStudios

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	**Nullable**
▤		ide	varchar(15)	
▤		email	varchar(100)	**Nullable**
▤		phone	int	**Nullable**
▤		npa	int	**Nullable**
▤		city	varchar(50)	**Nullable**
▤		street	varchar(100)	**Nullable**
▤		creation	date	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤚<	productionStudios_has_movies	**productionStudios**id = productionStudios_has_moviesproductionStudios_id	fk_productionStudios_has_movies_productionStudios1
⤚<	series_has_productionStudios	**productionStudios**id = series_has_productionStudiosproductionStudios_id	fk_series_has_productionStudios_productionStudios1

Unique keys

		Name / Description
🔑	id	PK__producti__3213E83F5A0CA68C

1.17.   Table: productionStudios_has_movies

Columns

		Name	Data type	Description / Attributes
目		productionStudios_id	int	**References**: productionStudios
目		movies_id	int	**References**: movies

Links to

	Table	Join	Title / Name / Description
⤚	movies	**productionStudios_has_movies**movies_id = moviesid	fk_productionStudios_has_movies_movies1
⤚	productionStudios	**productionStudios_has_movies**productionStudios_id = productionStudiosid	fk_productionStudios_has_movies_productionStudios1

1.18.   Table: roles

Columns

		Name	Data type	Description / Attributes
目	🔑	id	int	**Identity / Auto increment**
目		type	varchar(100)	**Nullable**
目		people_id	int	**References**: people

Links to

	Table	Join	Title / Name / Description
⤚	people	**roles**people_id = peopleid	fk_roles_people1

Linked from

	Table	Join	Title / Name / Description
⤛	episodes_has_roles	**roles**id = episodes_has_rolesroles_id	fk_episodes_has_roles_roles1
⤛	roles_has_movies	**roles**id = roles_has_moviesroles_id	fk_roles_has_movies_roles1
⤛	series_has_roles	**roles**id = series_has_rolesroles_id	fk_series_has_roles_roles1

Unique keys

		Name / Description
🔑	id	PK__roles__3213E83F129DF222

1.19.   Table: roles_has_movies

Columns

		Name	Data type	Description / Attributes
目		roles_id	int	**References**: roles

		Name	Data type	Description / Attributes
▤		movies_id	int	**References**: movies

Links to

	Table	Join	Title / Name / Description
⤙	movies	**roles_has_movies**movies_id = moviesid	fk_roles_has_movies_movies1
⤙	roles	**roles_has_movies**roles_id = rolesid	fk_roles_has_movies_roles1

1.20.   Table: seasons

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		number	int	
▤		date	date	
▤		series_id	int	

Linked from

	Table	Join	Title / Name / Description
⤚<	episodes	**seasons**id = episodesseasons_id	fk_episodes_seasons1

Unique keys

		Name / Description
🔑	id	PK__seasons__3213E83F31828EE3

1.21.   Table: series

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		title	varchar(50)	
▤		onLine	date	
▤		description	varchar(200)	**Nullable**
▤		miniature	image	**Nullable**
▤		trailer	image	**Nullable**
▤		evaluation	float	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤚<	categories_has_series	**series**id = categories_has_seriesseries_id	fk_categories_has_series_series1
⤚<	favorites_has_series	**series**id = favorites_has_seriesseries_id	fk_favorites_has_series_series1
⤚<	series_has_productionStudios	**series**id = series_has_productionStudiosseries_id	fk_series_has_productionStudios_series1

	Table	Join	Title / Name / Description
→←	series_has_roles	**series**id = series_has_rolesseries_id	fk_series_has_roles_series1

Unique keys

		Name / Description
🔑	id	PK__series__3213E83F8F001092

1.22.   Table: series_has_productionStudios

Columns

		Name	Data type	Description / Attributes
▤		series_id	int	**References**: series
▤		productionStudios_id	int	**References**: productionStudios

Links to

	Table	Join	Title / Name / Description
⤙	productionStudios	**series_has_productionStudios**productionStudios_id = productionStudiosid	fk_series_has_productionStudios_productionStudios1
⤙	series	**series_has_productionStudios**series_id = seriesid	fk_series_has_productionStudios_series1

1.23.   Table: series_has_roles

Columns

		Name	Data type	Description / Attributes
▤		series_id	int	**References**: series
▤		roles_id	int	**References**: roles

Links to

	Table	Join	Title / Name / Description
⤙	roles	**series_has_roles**roles_id = rolesid	fk_series_has_roles_roles1
⤙	series	**series_has_roles**series_id = seriesid	fk_series_has_roles_series1

1.24.   Table: subscriptions

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(50)	
▤		price	float	**Nullable**
▤		description	varchar(200)	**Nullable**
▤		videoResolution	int	**Nullable**
▤		simultaneousDevices	int	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤚◄	account	**subscriptions**id = accountsubscriptions_id	fk_account_subscriptions1
⤚◄	subscriptions_has_imageResolutions	**subscriptions**id = subscriptions_has_imageResolutionssubscriptions_id	fk_subscriptions_has_imageResolutions_subscriptions1

Unique keys

		Name / Description
🔑	id	PK__subscrip__3213E83F15252CEC

1.25. Table: subscriptions_has_imageResolutions

Columns

		Name	Data type	Description / Attributes
▤		subscriptions_id	int	**References**: subscriptions
▤		imageResolutions_id	int	**References**: imageResolutions

Links to

	Table	Join	Title / Name / Description
⤛	imageResolutions	**subscriptions_has_imageResolutions**imageResolutions_id = imageResolutionsid	fk_subscriptions_has_imageResolutions_imageResolutions1
⤛	subscriptions	**subscriptions_has_imageResolutions**subscriptions_id = subscriptionsid	fk_subscriptions_has_imageResolutions_subscriptions1

1.26. Table: users

Columns

		Name	Data type	Description / Attributes
▤	🔑	id	int	**Identity / Auto increment**
▤		name	varchar(20)	
▤		ageRestrictions_id	int	**References**: ageRestrictions
▤		profilesImages_id	int	
▤		account_id	int	**References**: account

Links to

	Table	Join	Title / Name / Description
⤛	account	**users**account_id = accountid	fk_users_account1
⤛	ageRestrictions	**users**ageRestrictions_id = ageRestrictionsid	fk_users_ageRestrictions1

Linked from

	Table	Join	Title / Name / Description
⤚◄	favorites	**users**id = favoritesusers_id	fk_favorites_users1

	Table	Join	Title / Name / Description
⤚<	users_has_episodes	**users**id = users_has_episodesusers_id	fk_users_has_episodes_users1
⤚<	users_has_movies	**users**id = users_has_moviesusers_id	fk_users_has_movies_users1

Unique keys

		Name / Description
🔑	id	PK__users__3213E83FA145A5CC

1.27. Table: users_has_episodes

Columns

		Name	Data type	Description / Attributes
▤		users_id	int	**References**: users
▤		episodes_id	int	**References**: episodes

Links to

	Table	Join	Title / Name / Description
⤚	episodes	**users_has_episodes**episodes_id = episodesid	fk_users_has_episodes_episodes1
⤚	users	**users_has_episodes**users_id = usersid	fk_users_has_episodes_users1

1.28. Table: users_has_movies

Columns

		Name	Data type	Description / Attributes
▤		users_id	int	**References**: users
▤		movies_id	int	**References**: movies

Links to

	Table	Join	Title / Name / Description
⤚	movies	**users_has_movies**movies_id = moviesid	fk_users_has_movies_movies1
⤚	users	**users_has_movies**users_id = usersid	fk_users_has_movies_users1