Downloader Documentation

Release 1.0

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DOWNLOADER.PY

This Downloader scrapes digital platform Steam. It downloads information about all games on Steam, including release date, price, number of reviews, share of positive reviews, and information regarding current sale.

class src.Downloader.**Downloader**(*link*)

Downloader contains attributes for extracting info from Steam and functions for putting them into a dataframe

dataf()

Puts all information from page HTML together into a pandas dataframe

Returns table of all variables for one specific HTML

Return type dataframe

download_data()

Puts dataframes of all page HTMLs into one dataframe

Returns table of all variables, all games on on Steam

Return type dataframe

get_number_user_reviews()

Searches through through self.reviews() and returns overall number of reviews

Returns number of reviews

Return type list

get_price_after_sale()

Searches page HTML and returns prices after sale (if there is a sale)

Returns prices during sale

Return type list

get_prices()

Searches page HTML, return prices

Returns prices

Return type list

get_rate_of_sale()

Searches page HTML and returns rate of sale (if there is a sale)

Returns rate of sale

Return type list

get_release_dates()

Parses release dates of games and returns their list

> > **Returns** release dates of games
> >
> > **Return type** list

get_share_positive_reviews`()`
> Searches through through self.reviews() and returns rate of positive reviews to overall number of reviews
>
> > **Returns** share of positive reviews
> >
> > **Return type** list

get_titles`()`
> Parses games titles and returns their list
>
> > **Returns** titles of games
> >
> > **Return type** list

hoarder`()`
> Creates the list of urls of Steam pages from which we scrape
>
> > **Returns** page urls
> >
> > **Return type** list

reviews`()`
> Searches through through HTML of page and returns chunk of text containing reviews, next attributes will utilize this
>
> > **Returns** reviews
> >
> > **Return type** list