YouTube Web Scrapper Application

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Abstract: *The emergence and rapid growth of social media platforms have led to vast amounts of user-generated content being produced and shared online. YouTube, as one of the most popular video-sharing platforms, has become a valuable source of information and entertainment. To extract data and gain insights from this vast repository of videos, web scraping techniques have proven to be invaluable. This abstract presents an overview of a YouTube web scraper, a, android application tool designed to systematically collect and extract data from YouTube. The scraper utilizes web scraping algorithms and techniques to navigate through YouTube's web pages, interact with elements, and extract relevant information such as video titles, descriptions, view counts, likes, dislikes, and comments. The YouTube web scraper acts as an automated script that emulates human behavior to access and retrieve data from various parts of YouTube. It can be programmed to perform specific tasks, such as collecting video metadata for research purposes, tracking video popularity trends, or analyzing user engagement patterns. The implementation of the YouTube web scraper involves leveraging web scraping frameworks and libraries, such as BeautifulSoup and Selenium, to parse HTML content and interact with the YouTube website dynamically. These tools enable the scraper to handle dynamic web pages.*

Keywords: Web-Scrapping, Data, Scrapping Algorithm, Android, Application, Android Environment

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