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Web data scrapping is software which is used to extract data from websites and this is achieved by simulating human exploration of the web by either implementing low-level hypertext transfer protocol (HTTP) or embedding certain fully-fledged web browsers. In essence, data scrapping enables the computer user to access vital bits of information from the huge volumes of data contained on the internet. Web page scrapping mainly focuses on the transformation of unstructured data on the web, typically in HTML format, into structured data that can be analyzed in a central database or spreadsheet. The web data scrapper can be used in different applications such as weather data monitoring, web change detection, web research, among others.

Web page scrapping is the process of automatically collecting web information and it is especially important for people who rely heavily on web data for their day to day activities. An important application of web data scrapping is copying and pasting large amounts of data from various websites. This is an otherwise tedious and error-prone task when carried out manually. Data scrapping can be used to identify bits of relevant data in different websites and this is achieved by sifting through large volumes of data contained in the internet and identifying the useful bits according to the needs of the user. Web data scrapping software have gained popularity with many internet users due to their ability to reduce the workload of collecting data. Apart from being highly effective in collection of data the web page scrapper is also user-friendly and affordable for all kinds of web users.

There has been an increase in the number of web data scrapping software with advanced versions boasting of high speed data extraction accompanied with ease of application for the computer user. Advances in technology have also resulted in web data scrappers which can routinely extract data, store data, and publish data in multiple destinations. Apart from this, some data scrapping software providers supply their customers with servers where the data is stored securely and can be remotely accessed when the user needs to use it. Web page scrapping enables companies to seamlessly integrate all their data which leads to higher productivity.

Web page scrapping has come a long way - it was once considered the reserve of experienced computer users - but the advent of data scrapping software has made it an indispensable part of large and small businesses all over the world. One of the factors that has lead to the popularity of the web data scrapper is the fact that it can be set to collect almost any kind of data depending on the needs of the user. In the current internet age information is power and hence web data scrapping is expected to continue providing solutions for important business decisions.

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