



ABSTRACT

Design and Implementation of News Portal Interface Based On Telegram Bot and RSS

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The rapid development of internet have been formed extensive information resources; Internet brought huge changes in the way humans live their daily life; however, the biggest concern with the rapid growth of the digital information is how to efficiently manage and filter unwanted data. News, as one of the rapid growth information on the Internet, can be overwhelming if not organized neatly and briefly, moreover most of the news agency has the high flow of news publication in short-time, so users need a system/ application that can deliver most recent news from various news websites. Thus the initiative to develop this system which can help users get the most recent news from many news websites in one place.

Telegram Messenger as one of the reputable chat application, has several features that made Telegram Messenger different from other chat application. Open source, free, and secure, makes Telegram user-friendly for application developer, especially for developer who want modify the source code of Telegram messenger for any particular reason. Other than that, an additional feature is Bot by Telegram messenger, by using it, the developer can build various application over Telegram and presents it to Telegram users.

By unleashing Telegram Bot potential and RSS technology, news feeder which has capabilities to display various news from various news sites can be designed and implemented over Telegram messenger application.

Keywords: RSS Technology, News Collection, News Filtering, Information Analysis, Telegram Bot.