edeR: Email Data Extraction using R

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The examination of email data for forensics purposes, for understanding underlying organizational network structures and personal email networks are common real-world applications of network analysis. The extraction of email data is required for this type of analysis, and to date R cannot extract such data using either Internet Message Access Protocol (IMAP), Simple Mail Transfer Protocol (SMTP), or Post Office Protocol 3 (POP3). The objective of the edeR package is to extract email data using IMAP, which will allow users to securely submit their username and password and then extract email data including "to", "from", and "cc" addresses, "date/time", "subject" and email message body. This package will also allow users to search and extract email using specific search tags from an email subject and/or message body and/or can extract messages within a certain date range.