

**EmailTracer** is a cyber forensics analysis tool developed by C-DAC, Thiruvananthapuram, which incorporates graphical features for a Cyber Forensic Investigator to track sender's identity of anonymous and threatening email easily. Forensic tracing of email is similar to traditional detective work. Email Tracer can be used to trace any email you have received. EmailTracer is able to analyze the email header and gives the complete details of the sender including IP address, which is the key point to find the culprit. It gives geographical location of the sender and the detailed route traced by the email etc. EmailTracer has facilities for doing Whois Search, NS LookUp and IP TraceBack. It can also be used for retrieving information from mailbox files with extensions .dbx (Outlook Express), .pst (Microsoft Outlook), .mbx (Eudora), .cnm (Pegasus), .cmm (Pegasus), .imm (IncrediMail), MailDir (KMail), .tbb (The Bat), .nsm (Netscape Messenger) and .mbox (Mozilla).

## features:

- Trace the originating IP Address and other details from email header.
- Generates detailed HTML Report of email header analysis.
- Find the city level details of the sender.
- Plot Route traced by the mail
- Display the originating geographic location of the mail in the world map
- Whois Search
- NS LookUp
- IP TraceBack
- Extract emails from mailbox files of the following clients
  - Outlook Express
  - Microsoft Outlook
  - Eudora
  - IncrediMail
  - KMail
  - The Bat
  - Pegasus
  - Netscape Messenger etc.
- Keyword searching facility on email content including attachment
- Facility to extract and save attachments in native format
- Facility to extract embedded mails