

Core Concepts

Security and Privacy

cloudHQ Apps

Google Docs
Templates

Auto BCC for Gmail

Chrome Extension
Manager

Display Email Time

Email List Builder

Email Reply Status

Email Sender Icons

Email Signature
Generator

Email Tracker

Email Tracking Blocker

Email Zoom Text
Reader

Embed YouTube
Videos in Gmail

Export Emails to
Google Docs

Export Emails to
Google Sheets

Format Email Subject

Get My Receipts

Gmail Auto Follow Up



What is an email parser?

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cloudHQ · What is an email parser?

Parsing is the process of analyzing a string of symbols (text) conforming to the rules of [a formal grammar](#). The term parsing comes from Latin pars (orationis), meaning part (of speech).

An email parser is a data processing software that can extract information from email messages. A parsing algorithm parses and extracts data from the email header, body or attachments (for example, attachments like PDF documents, CSV files, and MS Office files).

The email parser uses “parsing rules” to extract data from email messages. Parsing rules are instructions that tell our email parser **how to find** and **how to extract** data from email messages.

In other words, “parsing rules” tell the email parser how to pull specific data fields from email messages. So you can convert an unstructured email into easy-to-handle structured data such as Google spreadsheet. And then you can process the extracted data further using Google spreadsheet formulas and scripts.

An email parser can be used to extract data from any kind of machine-generated email such as:

[Gmail Auto Label](#)

[Gmail Button](#)

[Gmail Copilot](#)

[Gmail eCards](#)

[Gmail Email Templates](#)

[Gmail Email Links](#)

[Gmail Online Polls and Surveys](#)

[Gmail Label Sharing](#)

[Gmail Mailto](#)

[Gmail Notes](#)

[Gmail Message Preview](#)

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1. LinkedIn or Indeed jobs applications
2. Shipment notifications
3. Google alerts
4. Purchase orders
5. Contact form emails
6. Emails sent by lead providers

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