

Jakarta Mail 2.1 / Angus Mail 1.0

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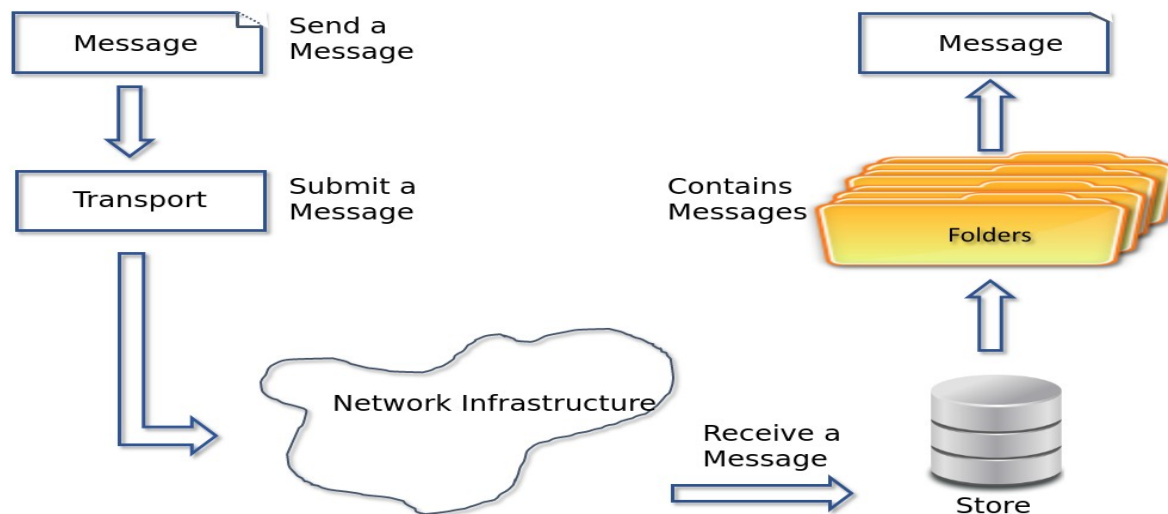
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1. What is Jakarta Mail

The Jakarta Mail API provides a set of abstract classes defining objects that comprise a mail system. The API defines classes like Message, Store and Transport. The API can be extended and can be subclassed to provide new protocols and to add functionality when necessary.

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1. What is Jakarta Mail



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1. What is Jakarta Mail

- Message: Defines a set of attributes and a content for a mail message. For example: subject, recipients, content type, attachment, etc.
- Transport: Models the transport agent that routes a message to its destination addresses.
- Store: The Store class defines a database that holds a Folder hierarchy and the messages within. Folders contain messages or other folders.
- Session: Factory to instance configured Transport and Store configured objects.

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2. What is new in Jakarta Mail 2.1

We focused to remove the implementation (com.sun.mail) from the API (jakarta.mail).

jakarta.mail.util.StreamProvider interface

It contains the methods to instance different encoders/decoders and other streams required by the API.

Encoders/Decoders: base64, b, q, binary, 7bit, 8bit, quoted-printable, uuencode, x-uuencode, x-uuencode.

Service lookup is used to find implementations of this interface. Which means that the implementations of this methods has to be done by third party Jakarta Mail implementations.

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3. What is Angus Mail

Angus is the default Jakarta Mail implementation, that comes up to implement the new interface *jakarta.mail.util.StreamProvider* and to keep the implementation of *com.sun.mail*.

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4. Demo

Checkout the demo:

<https://github.com/jbescos/jakartaEE10MailDemo>

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5. References

- Mail API Specification: <https://github.com/eclipse-ee4j/mail-spec>
- Mail API: <https://github.com/eclipse-ee4j/mail>
- Angus Mail: <https://github.com/eclipse-ee4j/angus-mail>
- Demo: <https://github.com/jbescos/jakartaEE10MailDemo>