**Messaging Namespace**

The Messaging namespace provides classes and methods for Salesforce outbound and inbound email functionality.

The following are the classes in the Messaging namespace.

* [**AttachmentRetrievalOption Enum**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_enum_Messaging_AttachmentRetrievalOptionEnum.htm)  
  Provides options for including attachment metadata only, attachment metadata and content, or excluding attachments.
* [**Email Class (Base Email Methods)**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_base.htm#apex_classes_email_outbound_base)  
  Contains base email methods common to both single and mass email.
* [**EmailFileAttachment Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_attachment.htm#apex_classes_email_outbound_attachment)  
  EmailFileAttachment is used in SingleEmailMessage to specify attachments passed in as part of the request, as opposed to existing documents in Salesforce.
* [**InboundEmail Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_inbound.htm#apex_classes_email_inbound_inbound)  
  Represents an inbound email object.
* [**InboundEmail.BinaryAttachment Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_binary.htm#apex_classes_email_inbound_binary)  
  An InboundEmail object stores binary attachments in an InboundEmail.BinaryAttachment object.
* [**InboundEmail.TextAttachment Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_text.htm#apex_classes_inbound_text)  
  An InboundEmail object stores text attachments in an InboundEmail.TextAttachment object.
* [**InboundEmailResult Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_result.htm#apex_classes_email_inbound_result)  
  The InboundEmailResult object is used to return the result of the email service. If this object is null, the result is assumed to be successful.
* [**InboundEnvelope Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_envelope.htm#apex_classes_email_inbound_envelope)  
  The InboundEnvelope object stores the envelope information associated with the inbound email, and has the following fields.
* [**MassEmailMessage Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_mass.htm#apex_classes_email_outbound_mass)  
  Contains methods for sending mass email.
* [**InboundEmail.Header Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_inbound_header.htm#apex_classes_email_inbound_header)  
  An InboundEmail object stores RFC 2822 email header information in an InboundEmail.Header object with the following properties.
* [**PushNotification Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_push_notification.htm)  
  PushNotification is used to configure push notifications and send them from an Apex trigger.
* [**PushNotificationPayload Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_push_notification_payload.htm)  
  Contains methods to create the notification message payload for an Apple device.
* [**RenderEmailTemplateBodyResult Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_class_Messaging_RenderEmailTemplateBodyResult.htm#apex_class_Messaging_RenderEmailTemplateBodyResult)  
  Contains the results for rendering email templates.
* [**RenderEmailTemplateError Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_class_Messaging_RenderEmailTemplateError.htm#apex_class_Messaging_RenderEmailTemplateError)  
  Represents an error that the RenderEmailTemplateBodyResult object can contain.
* [**SendEmailError Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_sendemailerror.htm#apex_classes_email_outbound_sendemailerror)  
  Represents an error that the SendEmailResult object may contain.
* [**SendEmailResult Class**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_sendemailresult.htm#apex_classes_email_outbound_sendemailresult)  
  Contains the result of sending an email message.
* [**SingleEmailMessage Methods**](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_email_outbound_single.htm#apex_classes_outbound_single)  
  Contains methods for sending single email messages.