

# Sending Email API

Delivers an email message using current server-side email settings to the recipient specified in the API call.

// sync methods with fault option

```
-(BOOL)sendTextEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients error:(Fault **)fault;  
-(BOOL)sendHTMLEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients error:(Fault **)fault;  
-(BOOL)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients error:(Fault **)fault;  
-(BOOL)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients attachment:(NSArray *)attachments error:(Fault **)fault;
```

// sync methods with fault return (as exception)

```
-(id)sendTextEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients;  
-(id)sendHTMLEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients;  
-(id)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients;  
-(id)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients attachment:(NSArray *)attachments;
```

// async methods with responder

```
-(void)sendTextEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients responder:(id <IResponder>)responder;  
-(void)sendHTMLEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients responder:(id <IResponder>)responder;  
-(void)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients responder:(id <IResponder>)responder;  
-(void)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients attachment:(NSArray *)attachments responder:(id <IResponder>)responder;
```

// async methods with block-based callbacks

```
-(void)sendTextEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients response:(void(^)(id))responseBlock error:(void(^)(Fault *))errorBlock;  
-(void)sendHTMLEmail:(NSString *)subject body:(NSString *)messageBody to:(NSArray *)recipients response:(void(^)(id))responseBlock error:(void(^)(Fault *))errorBlock;  
-(void)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients response:(void(^)(id))responseBlock error:(void(^)(Fault *))errorBlock;  
-(void)sendEmail:(NSString *)subject body:(BodyParts *)bodyParts to:(NSArray *)recipients attachment:(NSArray *)attachments response:(void(^)(id))responseBlock error:(void(^)(Fault *))errorBlock;
```

where:

subject	- Email message subject.
messageBody	- Plain text or HTML body of the email message
bodyParts	- An instance of BodyParts class which contains either plain text and/or HTML version of the message body.
recipients	- A collection of email addressed to deliver the email message to
attachments	- An array of file paths for the file entries from the Backendless File Service. Referenced files will be attached to the email message. The path is calculated from the root of the file system (as it is seen in File Service browser in Backendless console) without the leading slash. For example, if file agreement.txt is located at /documents/legal/, then the path in the API call must
responder	- The callback used for asynchronous calls to indicate that the operation has either successfully completed or resulted in error.

## Example:

```
-(void)sendEmailSync {

    @try {

        NSArray *recipients = @[@"james.bond@langley.co.uk"];
        NSString *textBody = @"Hey JB! Your car will be ready by 5pm";

        id result = [backendless.messagingService sendTextEmail:@"Reminder"
body:textBody to:recipients;
        NSLog(@"EMAIL HAS BEEN SENT (SYNC): %@", result);
    }
    @catch (Fault *fault) {
        NSLog(@"FAULT (SYNC): %@", fault);
    }
}

-(void)sendEmailAsync {

    NSArray *recipients = @[@"mom@gmail.com", @"dad@gmail.com", @"cat@gmail.com"];
    NSString *htmlBody = @"Guys, the dinner last night was <b>awesome</b>";

    [backendless.messagingService sendHTMLEmail:@"Dinner" body:htmlBody to:recipients
    response:^(id result) {
        NSLog(@"EMAIL HAS BEEN SENT (ASYNC): %@", result);
    }
    error:^(Fault *fault) {
        NSLog(@"FAULT (ASYNC): %@", fault);
    }
    ]];
}
```