

# Email

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## Send email

Function to send an email in your module with a hook\_mail() to set the parameters.

```
use Drupal\Core\Mail\MailManagerInterface;
use Drupal\Core\Language\LanguageManagerInterface;

/**
 * Function to send an email in your module.
 *
 * @param string $to
 *   The recipient of the email.
 * @param array $params
 *   An array of parameters to use in the email.
 * @param string $subject
 *   The subject of the email.
 * @param string $body
 *   The body of the email.
 *
 * @return bool
 *   TRUE if the email was sent successfully, FALSE otherwise.
 */
function send_my_email($to, $params, $subject, $body) {
  // Get the language manager service.
  $language_manager = \Drupal::service('language_manager');

  // Get the default language.
  $default_language = $language_manager->getDefaultLanguage()->getDtd();

  // Get the mail manager service.
  $mail_manager = \Drupal::service('plugin.manager.mail');

  // Set up the email parameters.
  $module = 'my_module';
  $key = 'my_email_key';

  // Get the email headers.
  $headers = [
    'Content-Type' => 'text/html; charset=UTF-8; format=flowed; delpsp=yes',
    'From' => 'sender@example.com',
    'Reply-To' => 'reply-to@example.com',
  ];

  // Set up the email body.
  $body_params = [
```

```

    'message' => $params['message'],
    'name' => $params['name'],
  ];

  // Send the email.
  $result = $mail_manager->mail($module, $key, $to, $default_language, $body_params, NULL, TRUE, $headers);

  // Return the result.
  return $result['result'];
}

/**
 * Implements hook_mail().
 */
function my_module_mail($key, &$message, $params) {
  switch ($key) {
    case 'my_email_key':
      $message['subject'] = t('My Email Subject');
      $message['body'][] = $params['message'];
      $message['body'][] = t('From: @name', ['@name' => $params['name']]);
      break;
  }
}

```

## Using tokens in hook\_mail

Here is an example in a hook\_mail call where tokens are used:

```

/**
 * Implements hook_mail().
 */
function hello_world_mail($key, &$message, $params) {
  switch ($key) {
    case 'hello_world_log':
      $message['from'] = \Drupal::config('system.site')->get('mail');
      $message['subject'] = t('There is an error on your website');
      $message['body'][] = $params['message'];
      if (isset($params['user'])) {
        $user_message = t('The user that was logged in: [current-user:name]');
        $message['body'][] = \Drupal::token()->replace($user_message, ['current-user' => $params['user']]);
      }

      break;
  }
}

```

## Reference

- [Sending html mails in Drupal 8/9 programmatically An example Drupal module including Twig template by Joris Snoek - August 2020](#)
- [Sending Emails Using OOP and Dependency Injection in Drupal 8, 9 By Alex Novak - November 2020.](#)
- [How email works in Drupal - updated July 2021](#)
- [Sendgrid Integration Drupal module](#)

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Page last modified: Jun 10 2023.

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