

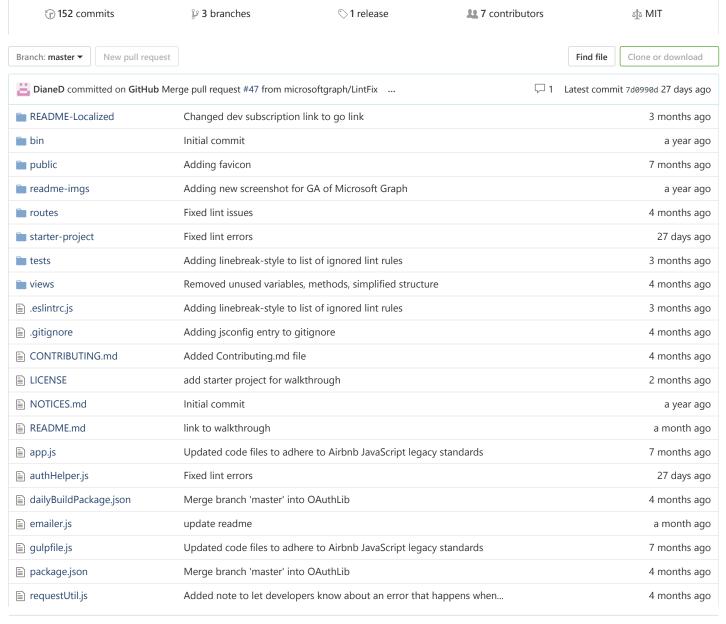
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III Graphs

Use Microsoft Graph to access a user's Microsoft account data from within a Node.js web application. This sample uses REST calls directly to the Microsoft Graph endpoint, and a Node OAuth Library to authenticate users' Microsoft Accounts or work or school Office 365 accounts.

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Microsoft Graph Connect Sample for Node.js

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Introduction

This sample shows how to connect a Node.js app to a Microsoft work or school (Azure Active Directory) or personal (Microsoft) account using the Microsoft Graph API to send an email. In addition, the sample uses the Office Fabric UI for styling and formatting the user experience.

Office 365 Connect sample

× Disconnect

Hi, GarthF!

You're now connected to Office 365. Click the button below to send a message from your account using the Microsoft Graph API.

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Prerequisites

To use the Microsoft Graph Connect Sample for Node.js, you need the following:

- Node.js version 4 or 5.
- Either a Microsoft account or a work or school account

Register the application

- 1. Sign into the App Registration Portal using either your personal or work or school account.
- 2. Choose Add an app.
- 3. Enter a name for the app, and choose Create application.

The registration page displays, listing the properties of your app.

- 4. Copy the Application Id. This is the unique identifier for your app.
- 5. Under **Application Secrets**, choose **Generate New Password**. Copy the password from the **New password generated** dialog.

You'll use the application ID and password (secret) to configure the sample app in the next section.

- 6. Under Platforms, choose Add Platform.
- 7. Choose Web.
- 8. Enter http://localhost:3000/login as the Redirect URI.
- 9. Choose Save.

Build and run the sample

- 1. Download or clone the Microsoft Graph Connect Sample for Node.js.
- 2. Using your favorite IDE, open authHelper.js in public/scripts.
- 3. Replace the **client_id** and **client_secret** placeholder values with the application ID and password that you copied during app registration.
- 4. In a command prompt, run the following command in the root directory of the starter project. This installs the project dependencies.

npm install

5. Run the following command to start the development server.

npm start

- 6. Navigate to http://localhost:3000 in your web browser.
- 7. Choose the **Connect** button.
- 8. Sign in with your personal or work or school account and grant the requested permissions.
- 9. Optionally edit the recipient's email address, and then choose the **Send mail** button. When the mail is sent, a Success message is displayed below the button.

Note: To understand the code for calling the Microsoft Graph API in a Node.js app, see Get started with Microsoft Graph in an ASP.NET 4.6 MVC app.

Questions and comments

We'd love to get your feedback about the Microsoft Graph Connect Sample for Node.js. You can send your questions and suggestions in the Issues section of this repository.

Questions about Microsoft Graph development in general should be posted to Stack Overflow. Make sure that your questions or comments are tagged with [microsoftgraph].

Contributing

If you'd like to contribute to this sample, see CONTRIBUTING.MD.

This project has adopted the Microsoft Open Source Code of Conduct. For more information see the Code of Conduct FAQ or contact opencode@microsoft.com with any additional questions or comments.

Additional resources

- Other Microsoft Graph Connect samples
- Microsoft Graph

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