

<https://github.com/kualico/core-training>

core developer training

developer training for
kuali auth, kuali users and kuali institution

STEP 1: Setup Project

go to

<https://github.com/kualico/core-training>

and follow the instructions in the readme

STEP 2: Start Sign In, Redirect to kuali.co/auth

In app.js modify app.get to insert link to kuali.co/auth

```
app.get('/', function(req, res, next) {  
  var html = '<h1>Core Training</h1>'  
  html +=  
    'Sign In'  
  res.send(html)  
})
```

Run app and click Sign In

username: testuser

password: testuser

Note that the source code in github is now complete with all of the changes.

STEP 3: Add middleware to get current user

Add above app.get

<http://bit.ly/1MS7jF6>

```
app.use(function(req, res, next) {  
  var authToken = req.cookies.authToken  
  if(!authToken) { return next() }  
  
  client.headers['Authorization'] = 'Bearer ' + authToken  
  client.get('users/current/', function(error, response, body) {  
    req.currentUser = body  
    console.log(req.currentUser)  
    next()  
  })  
})
```

<https://gist.github.com/taddgiles/775208f8f6b9a5b581d8>

STEP 4: Display name and sign out link

Replace earlier sign in link with...

<https://gist.github.com/taddgiles>

```
app.get('/', function(req, res, next) {  
  var html = '<h1>Core Training</h1>'  
  if(req.currentUser) {  
    html += '<h2>' + req.currentUser.displayName + '</h2>'  
    html +=  
      '<a href="https://taddgiles.kuali.co/auth/signout">Sign out</a>'  
  } else {  
    html += '<a href="https://taddgiles.kuali.co/auth">Sign In</a>'  
  }  
  res.send(html)  
})
```

STEP 5: Add return_to

<https://gist.github.com/taddgiles>

Replace earlier sign in link with...

```
app.get('/', function(req, res, next) {
  var requestedUrl = req.protocol + '://' + req.get('Host') + req.url
  var html = '<h1>Core Training</h1>'
  if(req.currentUser) {
    html += '<h2>' + req.currentUser.displayName + '</h2>'
    html +=
      '<a href="https://taddgiles.kuali.co/auth/signout?return_to=' +
        requestedUrl + '">Sign out</a>'
  } else {
    html += "<a href='https://taddgiles.kuali.co/auth'>Sign In</a>"
  }
  res.send(html)
})
```

Get API Key

1. **Go to** <https://taddgiles.kuali.co>
2. **Sign in** username: **testuser** password: **testuser**
3. **Go to** <https://taddgiles.kuali.co/users>
4. **Click** API Keys for the testuser
5. **Click** Add API Key
6. **Enter your name for the API Key name**
7. **Click** Create API Key
8. **Copy the API Key that is displayed on the screen**

Set authToken

In `api.js` set the `authToken` to the **API Key** you just created

```
var authToken = 'eyJ0eXAiOiJKV1QiLCJhb...
```

Run the api scripts

```
node api.js
```


Users API: <https://developers.kuali.co/#users>

Method	URL	Description	Required role
GET	/api/v1/users	Return all users	user, admin
POST	/api/v1/users	Add a user	admin
GET	/api/v1/users/1230300638659266405	Get a user	user, admin
PUT	/api/v1/users/1230300638659266405	Update a user	admin or current_user
DELETE	/api/v1/users/1230300638659266405	Delete a user	admin
GET	/api/v1/users/current	Gets current user	user, admin
GET	/api/v1/users?q=searchTerm	Search for user	user, admin

Add a user

```
var data = {  
  email: 'whatnow@heynew.com'  
}  
  
client.post('users/', data, function(err, res, body) {  
  console.log(res.statusCode, body)  
})
```

Get a user

```
client.get('users/1230300638659266405/', function(err, res, body) {  
    console.log(res.statusCode, body)  
})
```

Update a user

```
var data = {  
  email: 'newemail@heynew.com'  
}  
  
client.put('users/1230300638659266405/', data, function(err, res, body) {  
  console.log(res.statusCode, body)  
})
```

Delete a user

```
client.del('users/1230300638659266405/', function(err, res, body) {  
    console.log(res.statusCode, body)  
})
```

Institution API: <https://developers.kuali.co/#institution>

Method	URL	Description	Required role
GET	/api/v1/institution	Return institution	user, admin
PUT	/api/v1/institution	Update institution	admin

tadd@kuali.co

100% Code Coverage is the Bare Minimum

<http://bit.ly/1MtdmOg>