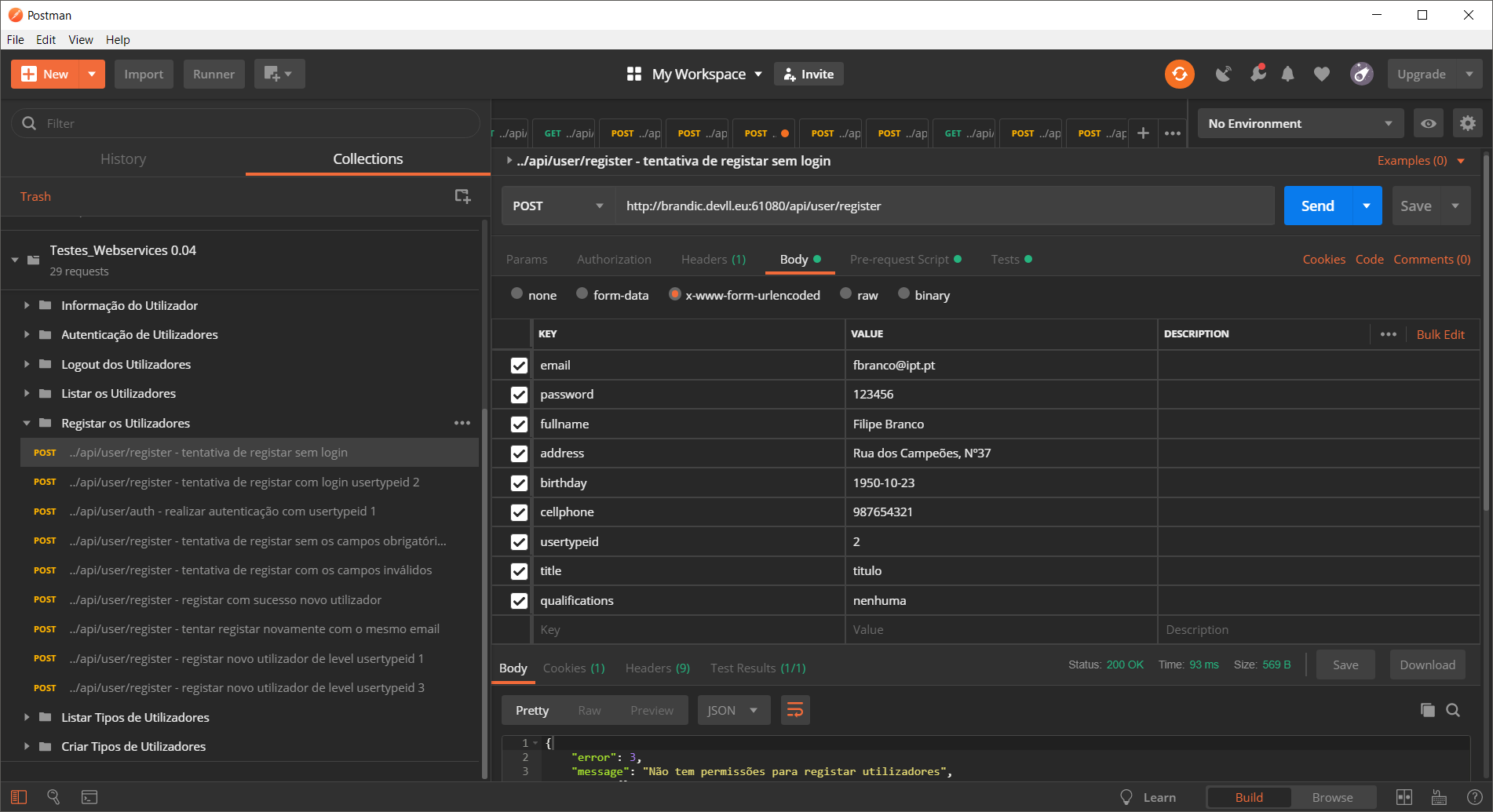
**Testes realizados a Webservices – lado servidor**

Foram efectuados testes aos webservices:

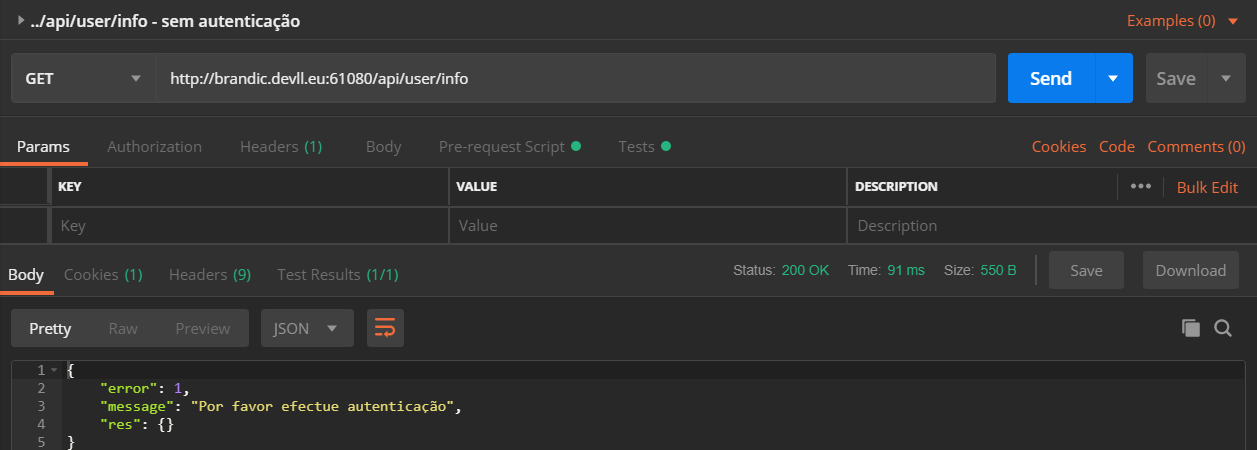
* /api/user/info
* /api/user/auth
* /api/user/logout
* /api/user/list
* /api/user/register
* /api/user/type/list
* /api/user/type/create

Tendo sido organizados os vários testes de vários tipos de webservices, e organizados por pastas na collection.

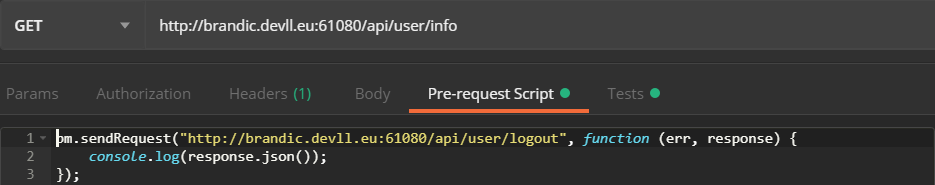


**Teste ao webservice /api/user/info**

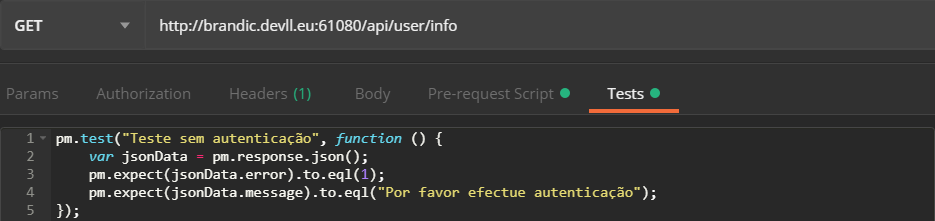
Sem autenticação



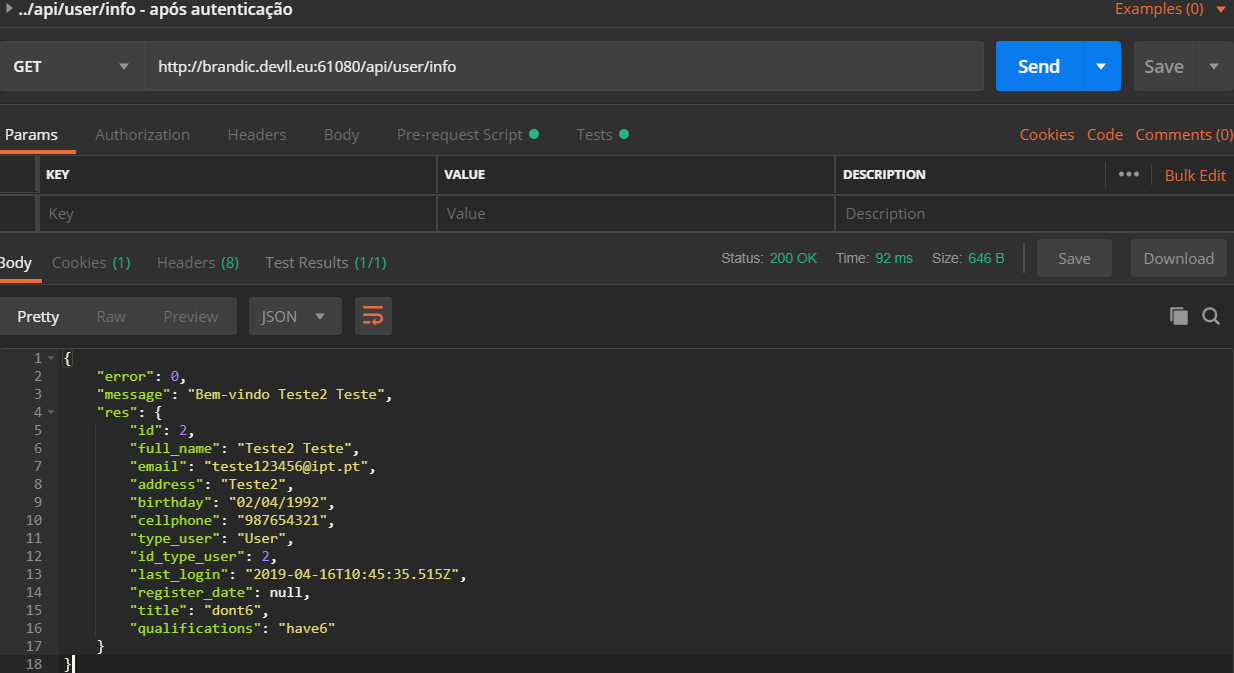
Com Pre-request Script



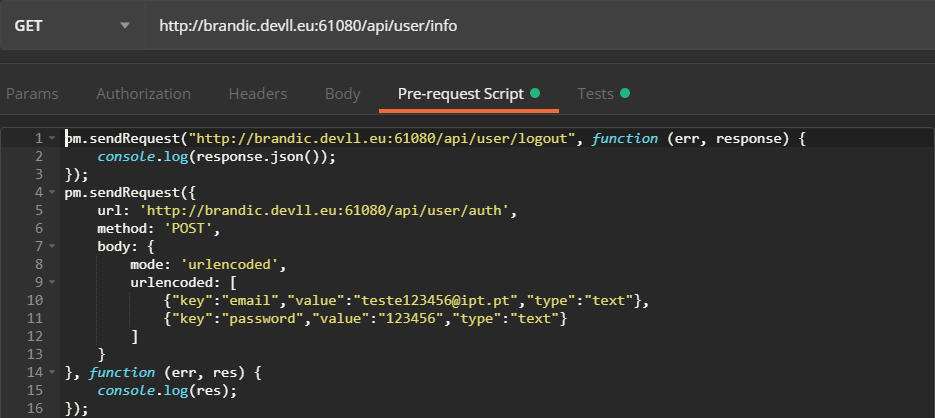
Com o Test



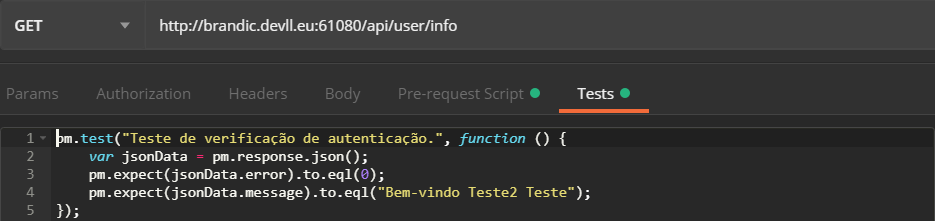
Após a autenticação:



Com Pre-request Script

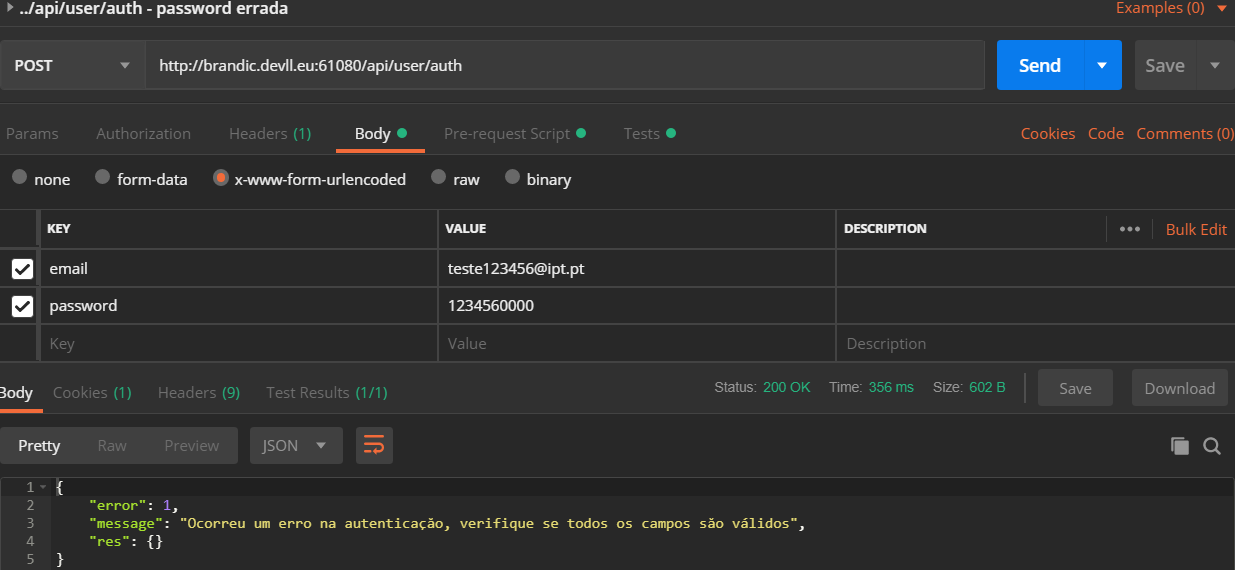


Com o Test

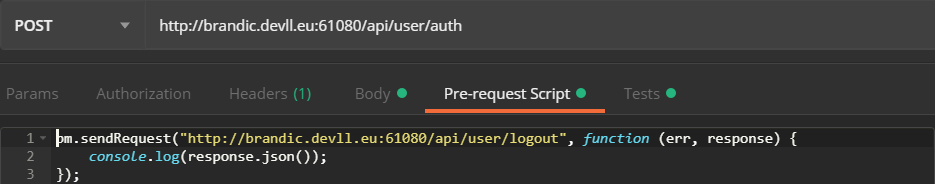


**Teste ao webservice /api/user/auth**

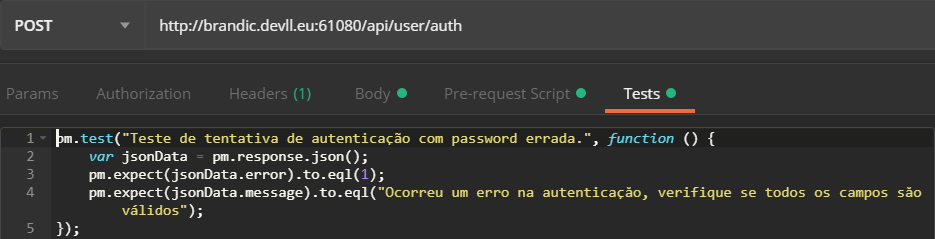
Com password errada:



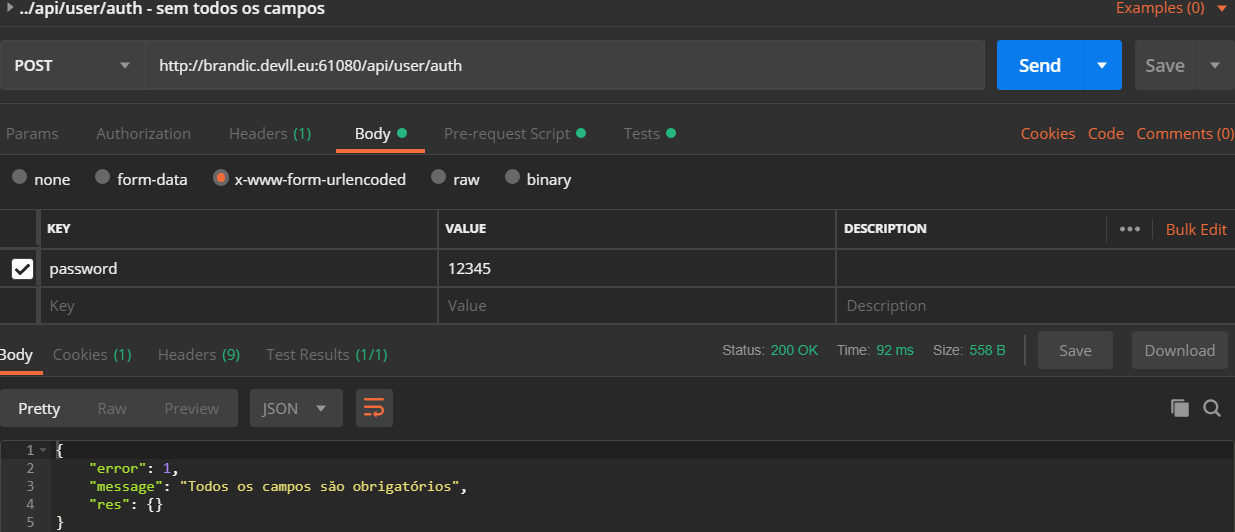
Com Pre-request Script



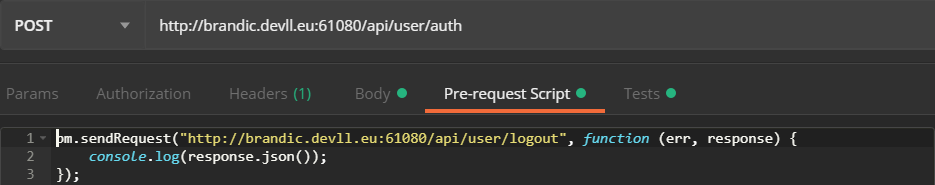
Com o Test



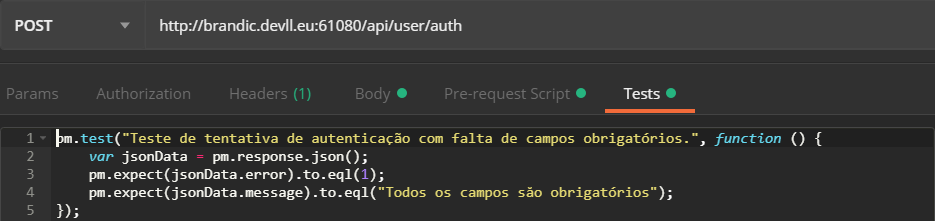
Sem campos obrigatórios:



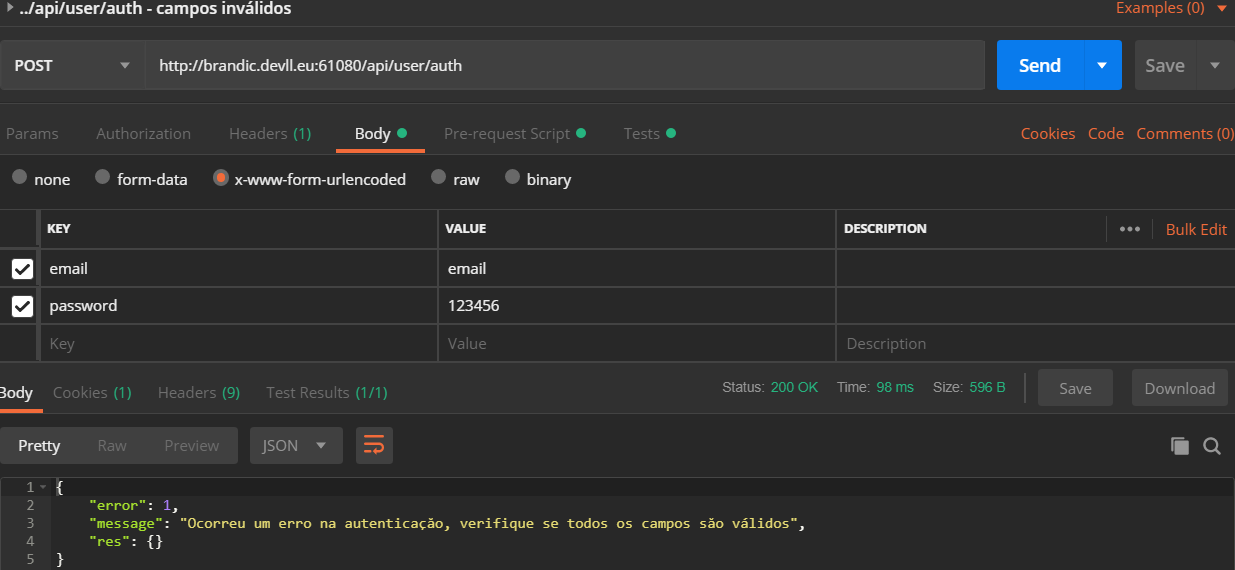
Com Pre-request Script



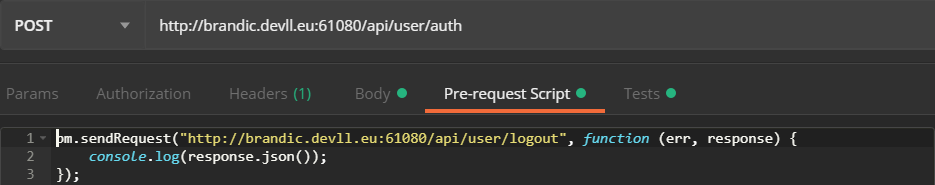
Com o Test



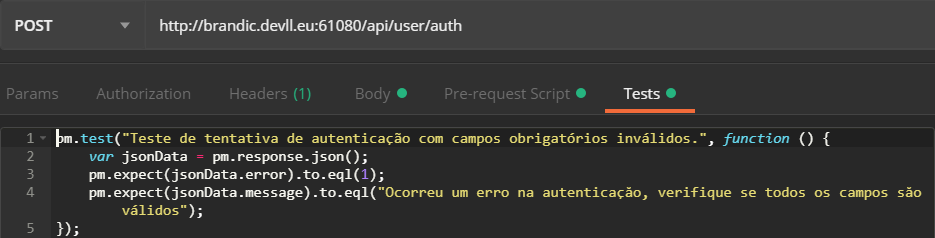
Com campos inválidos:



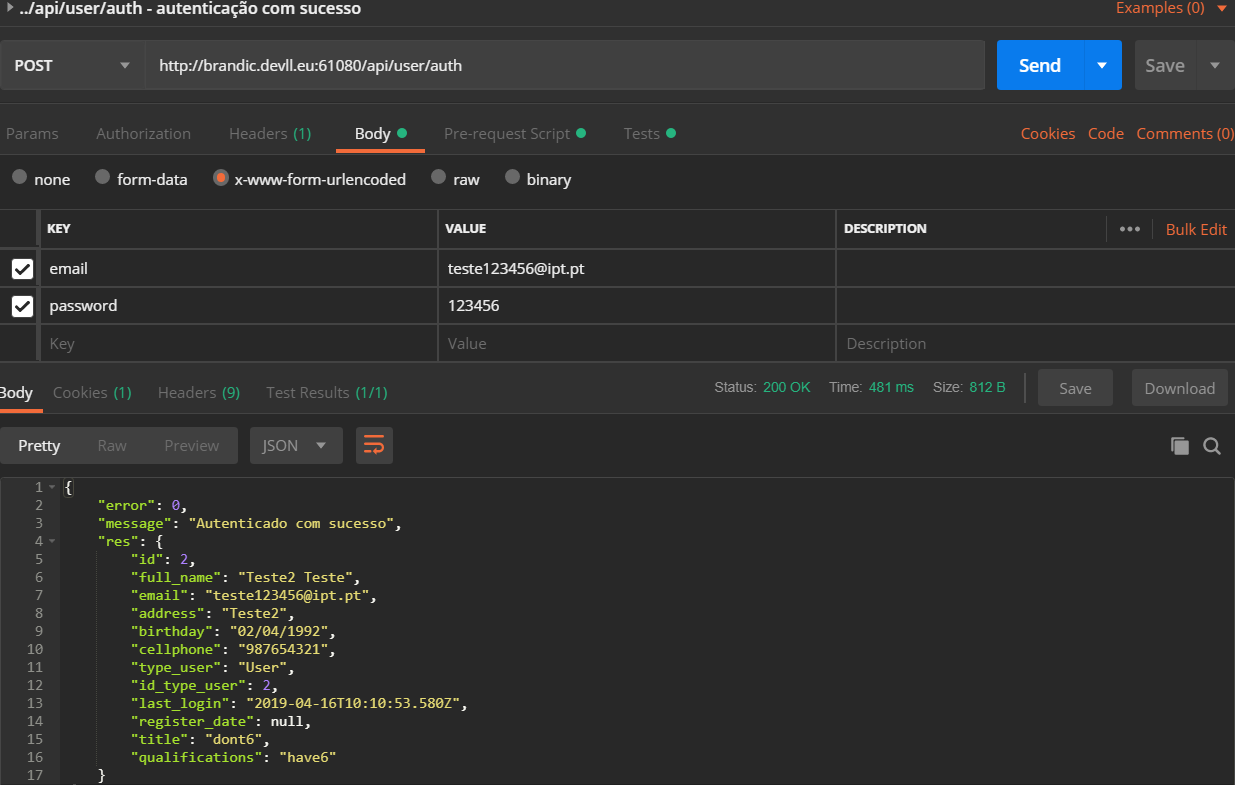
Com Pre-request Script



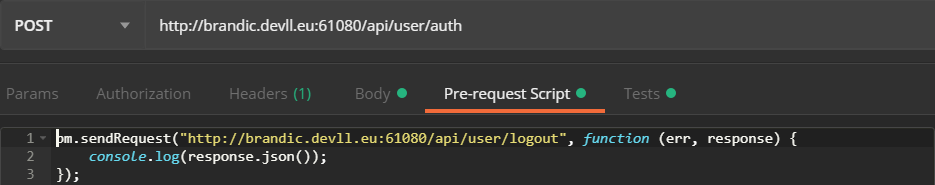
Com o Test



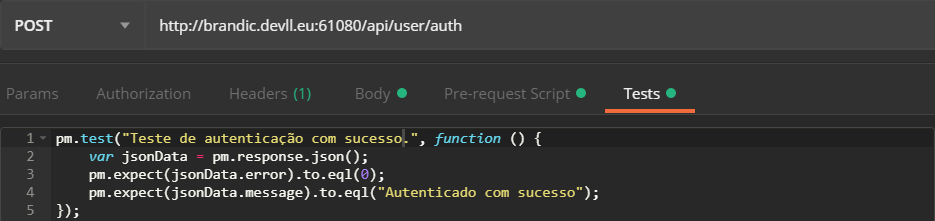
Autenticação com sucesso:



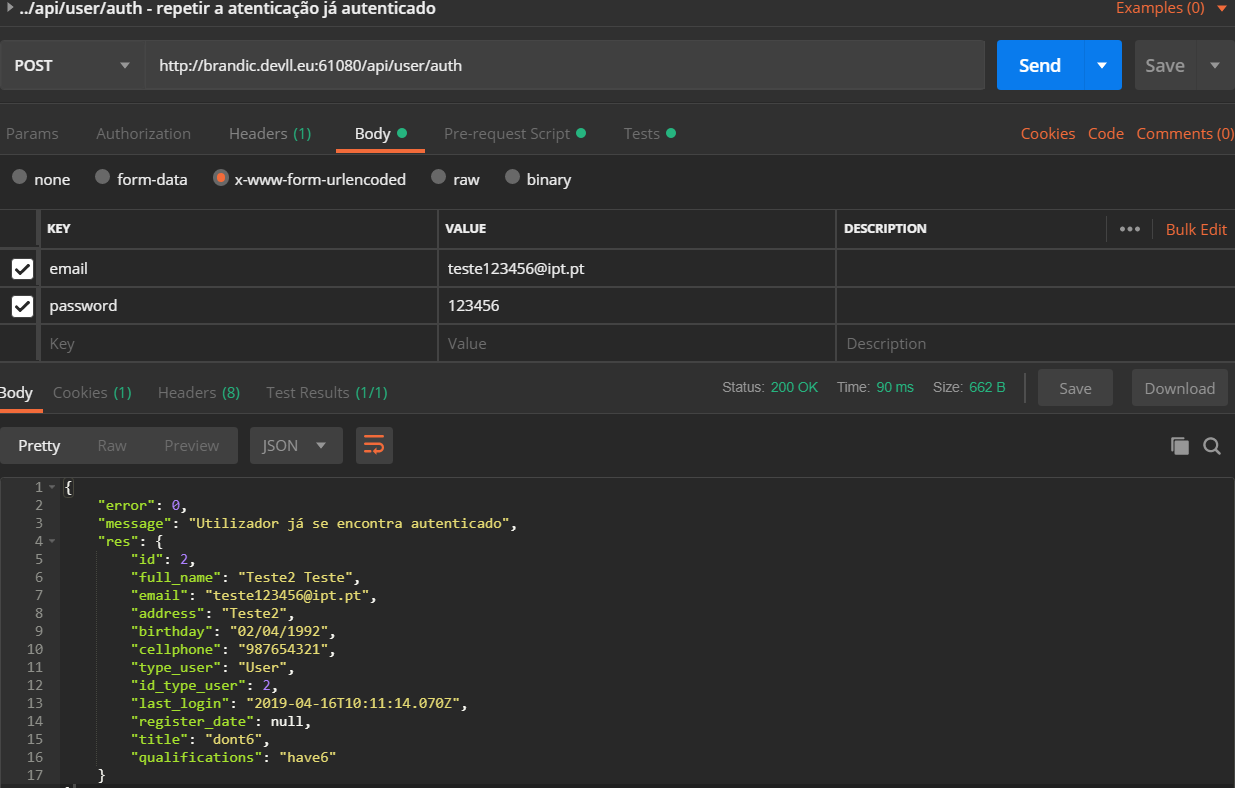
Com Pre-request Script



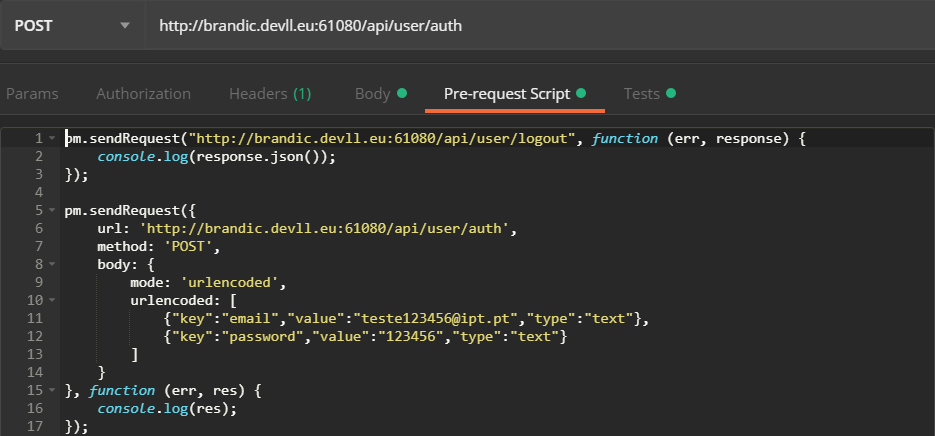
Com o Test



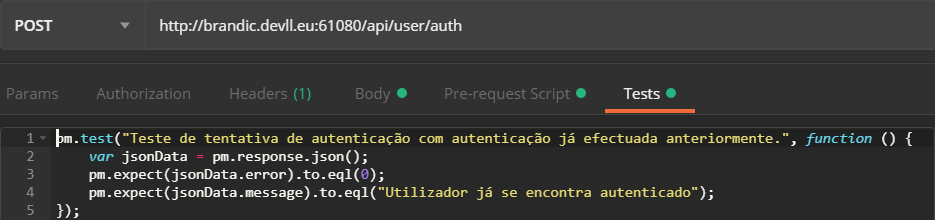
Com autenticação anterior já efectuada:



Com Pre-request Script

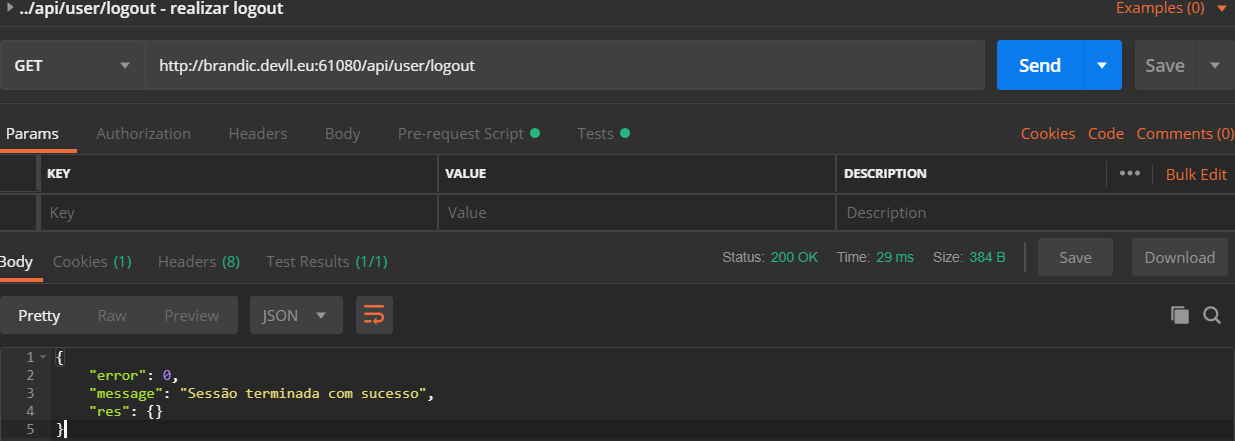


Com o test



**Teste ao webservice /api/user/logout**

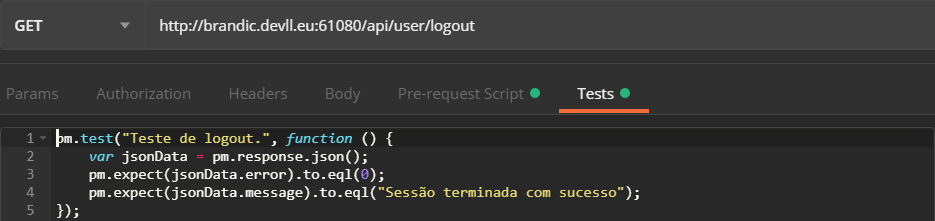
Com sessão iniciada:



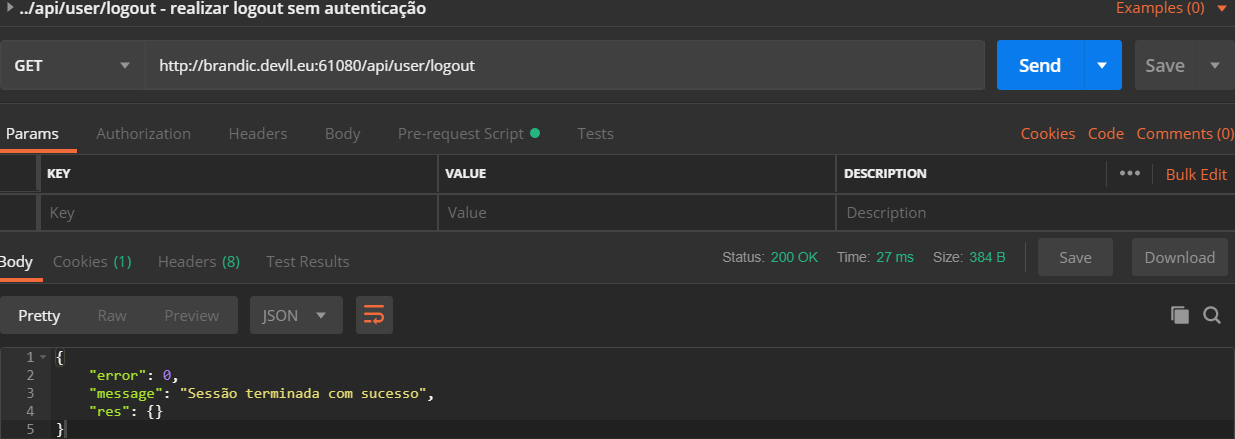
Com Pre-request Script



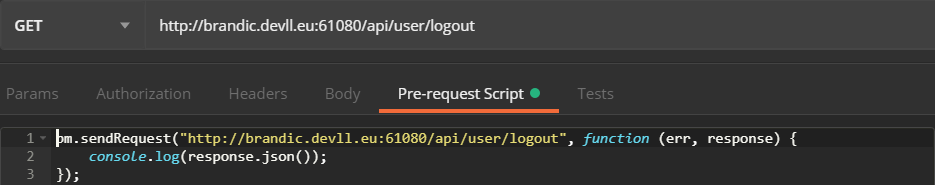
Com o Test



Sem sessão iniciada:



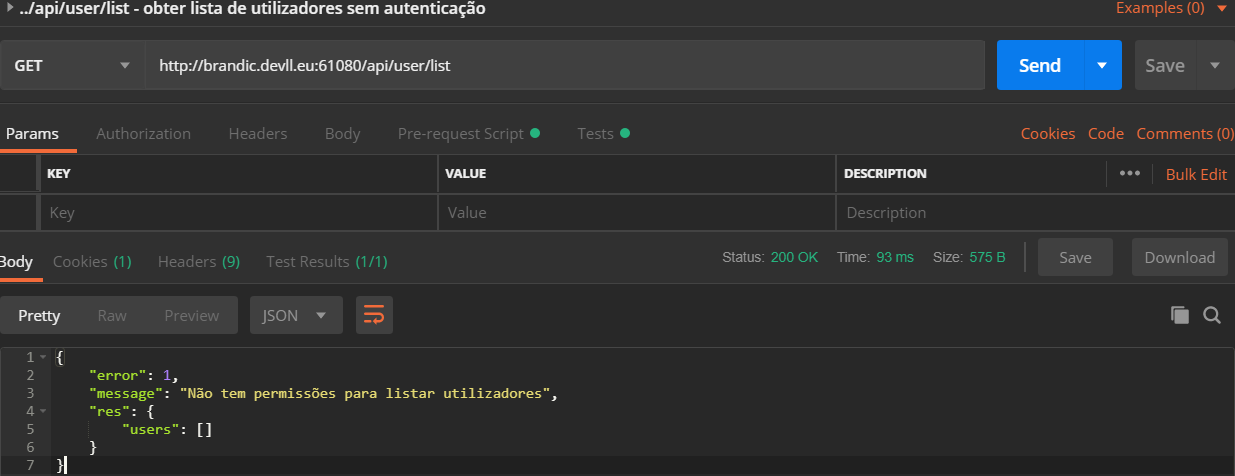
Com Pre-request Script



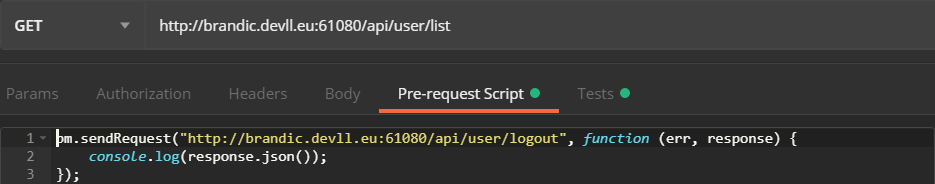
O sistema aceitou efectuar logout mesmo sem haver autenticação.

**Teste ao webservice /api/user/list**

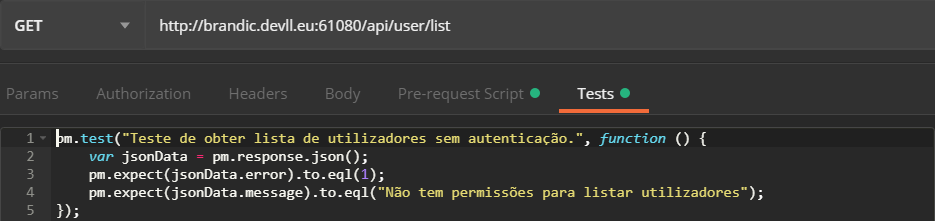
Tentativa de obter lista de utilizadores sem autenticação:



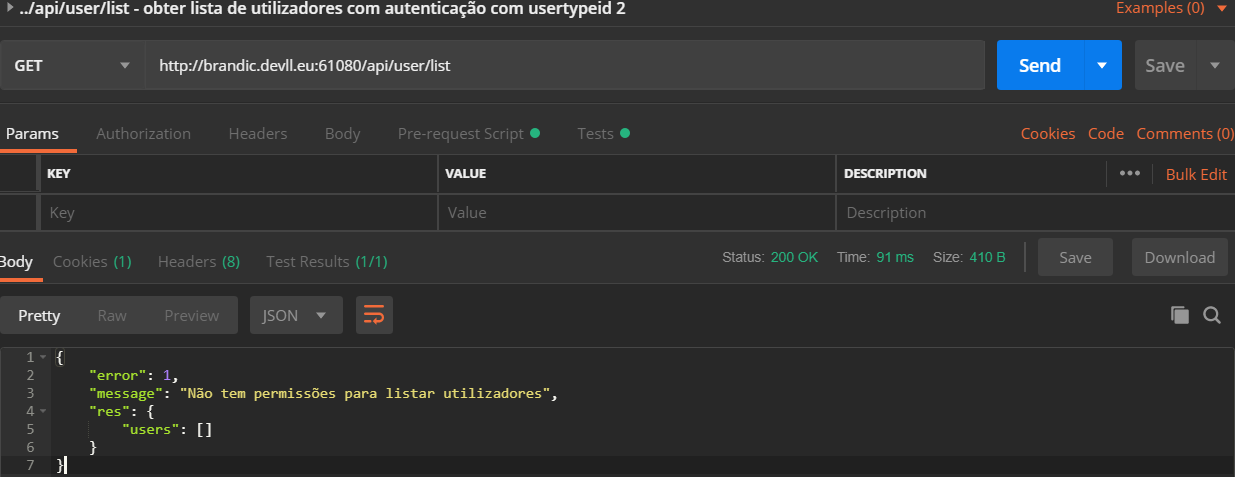
Com Pre-request Script



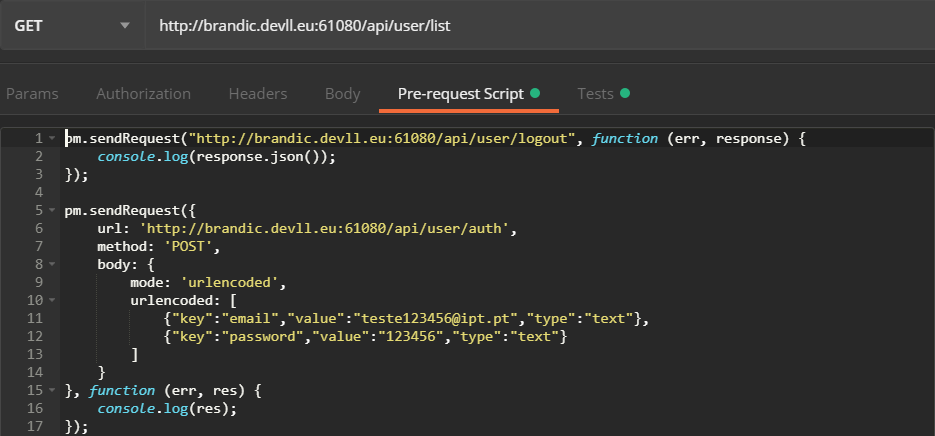
Com o Test



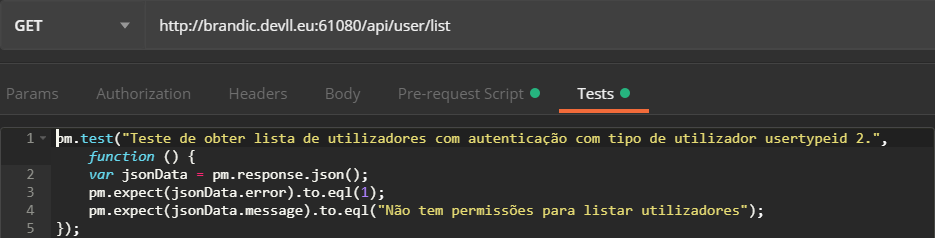
Com autenticação de tipo de utilizador não administrador:



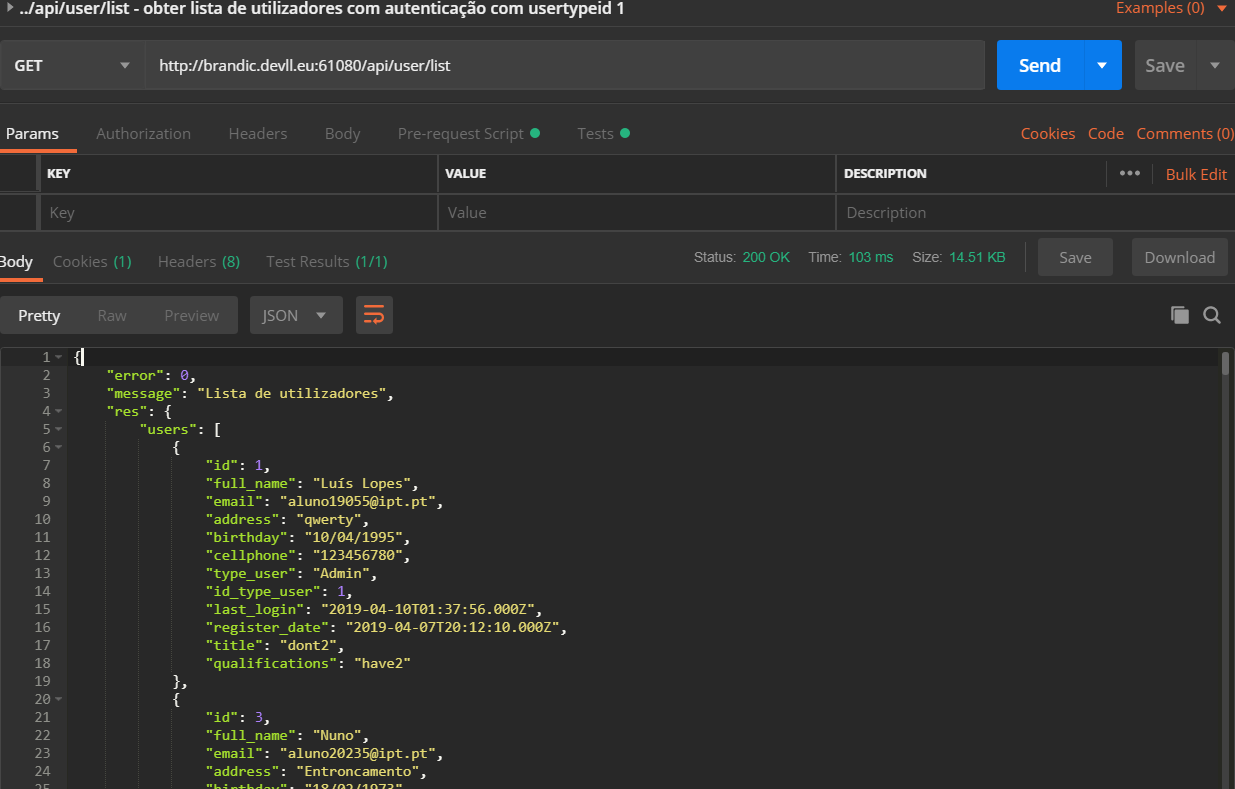
Com Pre-request Script



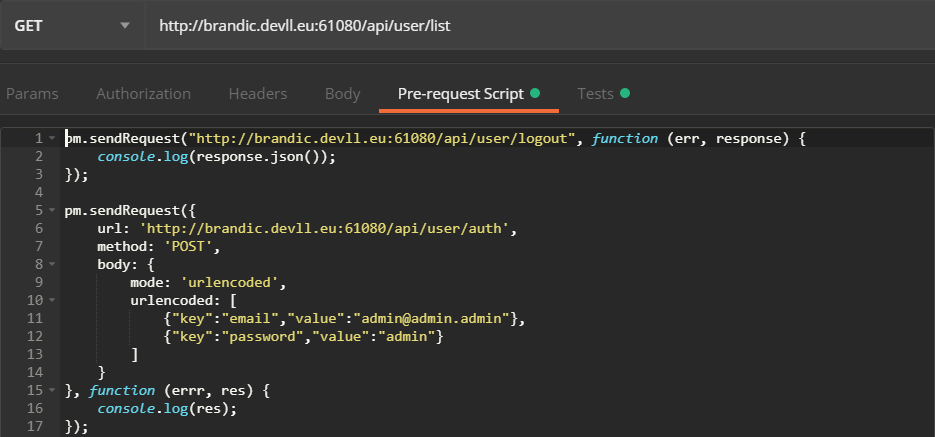
Com o Test



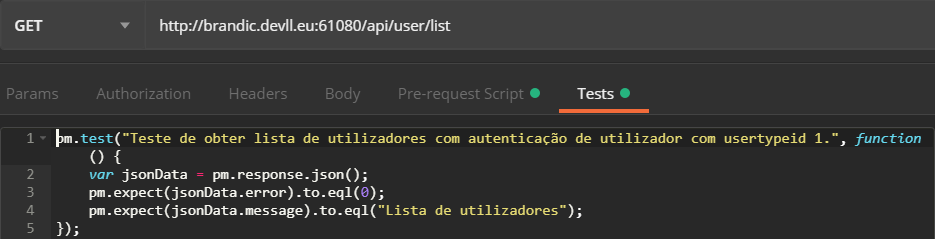
Com autenticação de tipo de utilizador como administrador:



Com Pre-request Script

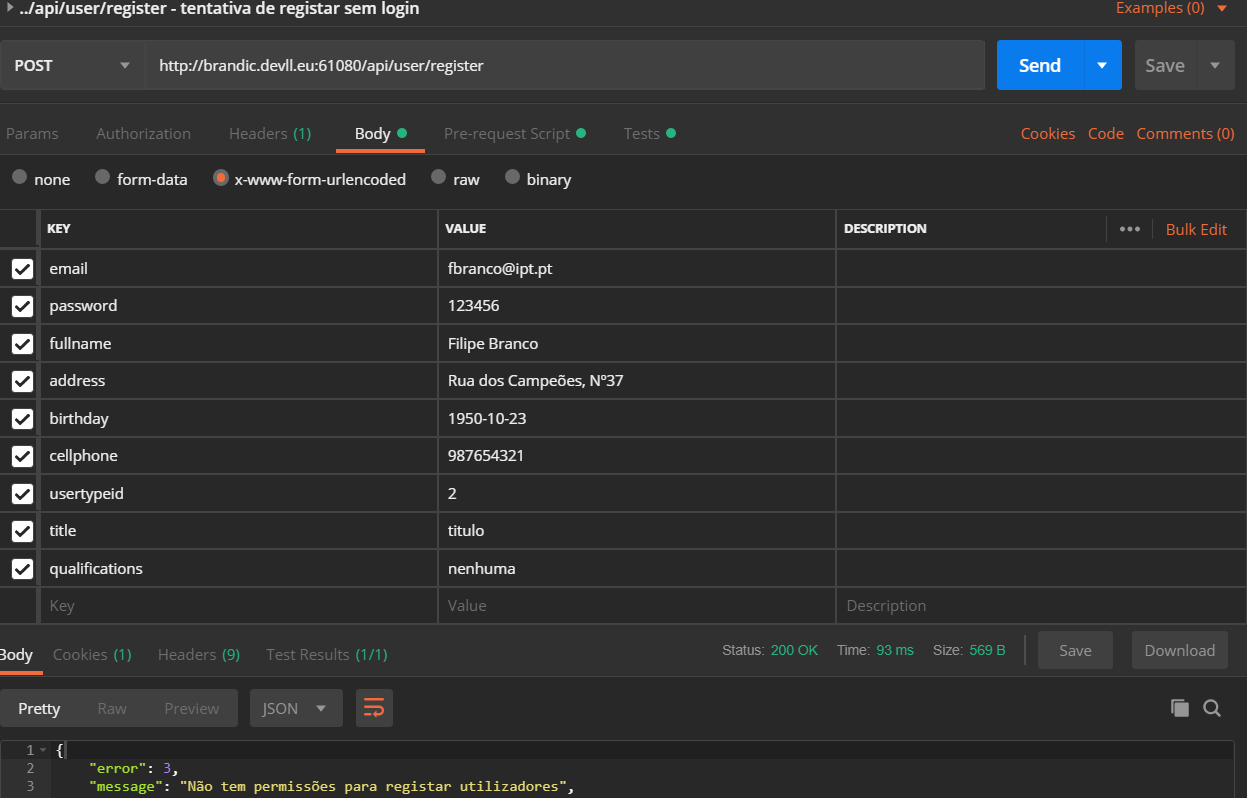


Com o Test

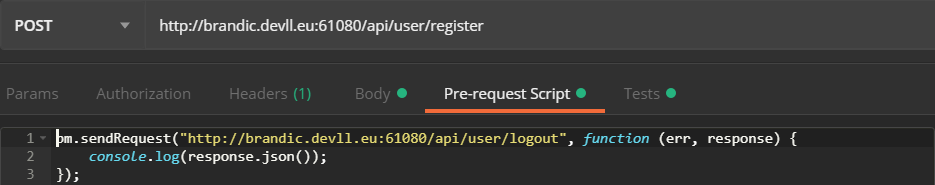


**Teste ao webservice /api/user/register**

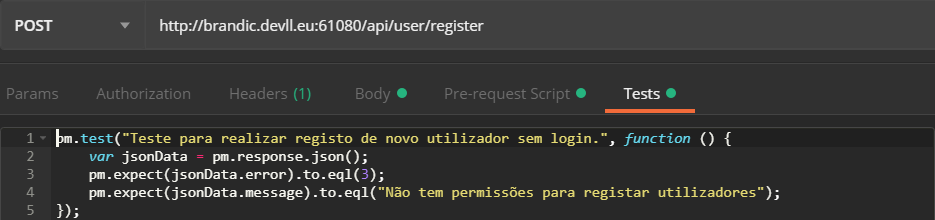
Sem autenticação de qualquer tipo de utilizador:



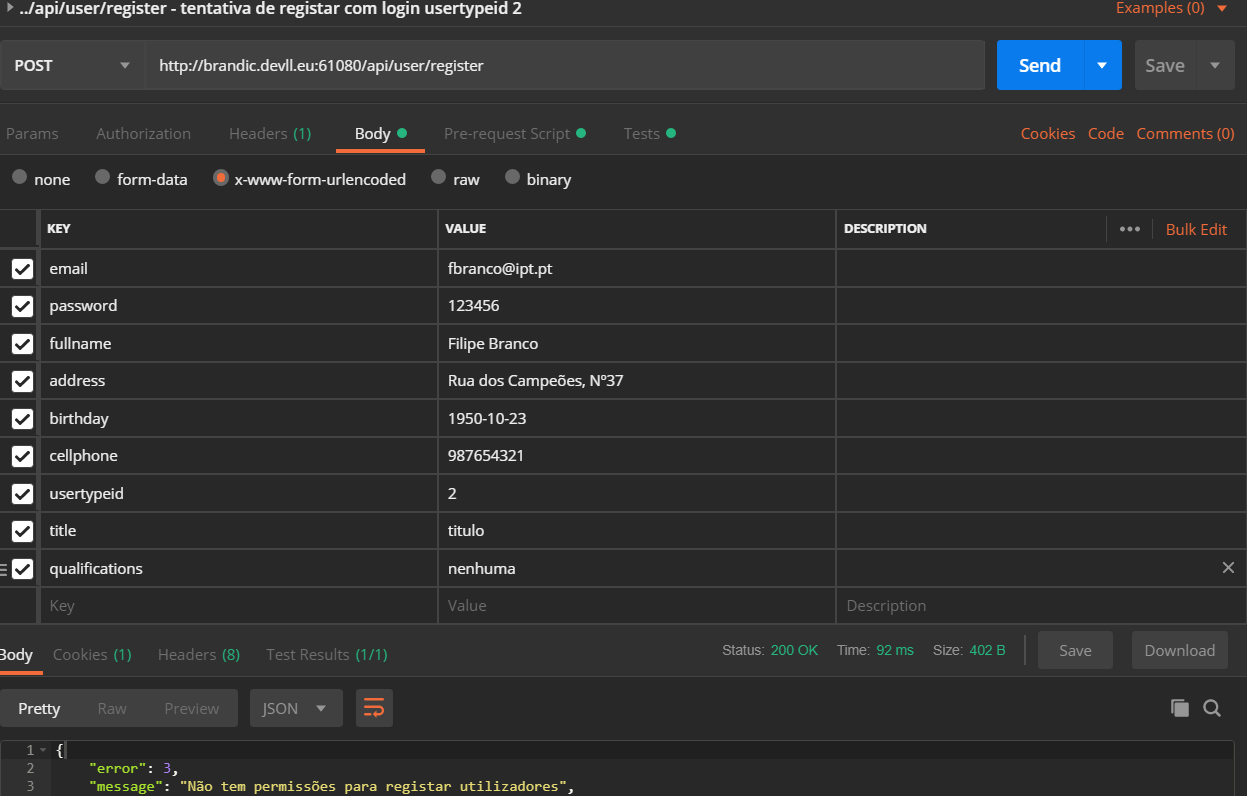
Com Pre-request Script



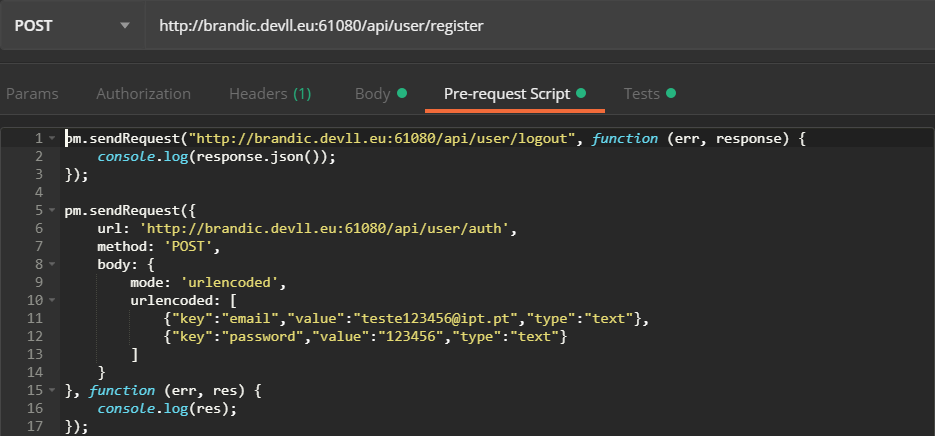
Com o Test



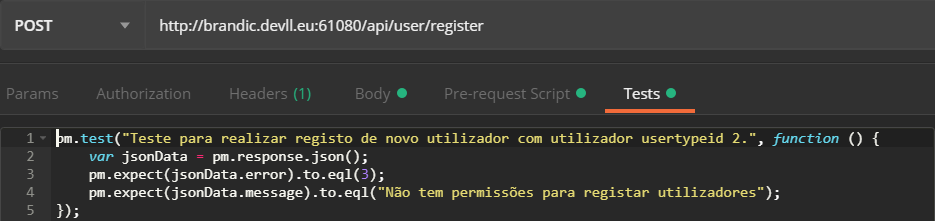
Com autenticação de utilizador do tipo usertypeid 2



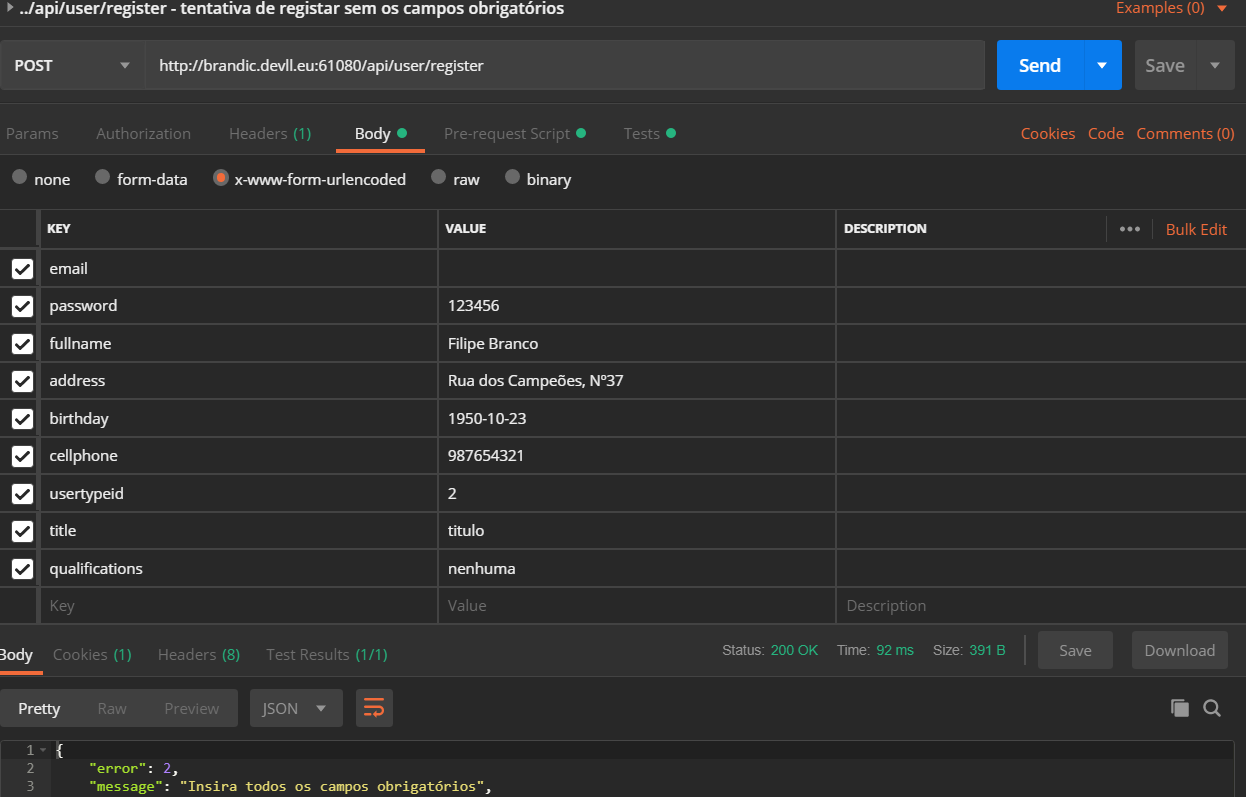
Com Pre-request Script



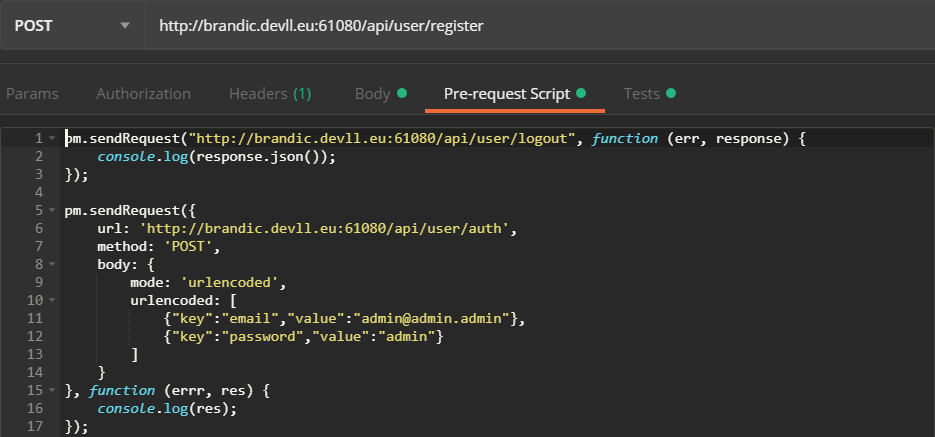
Com o Test



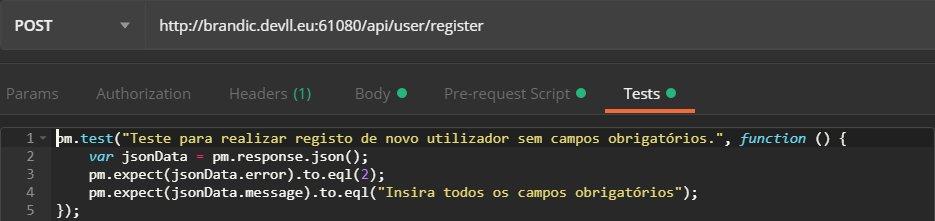
Com autenticação de administrador com falta de campos obrigatórios:



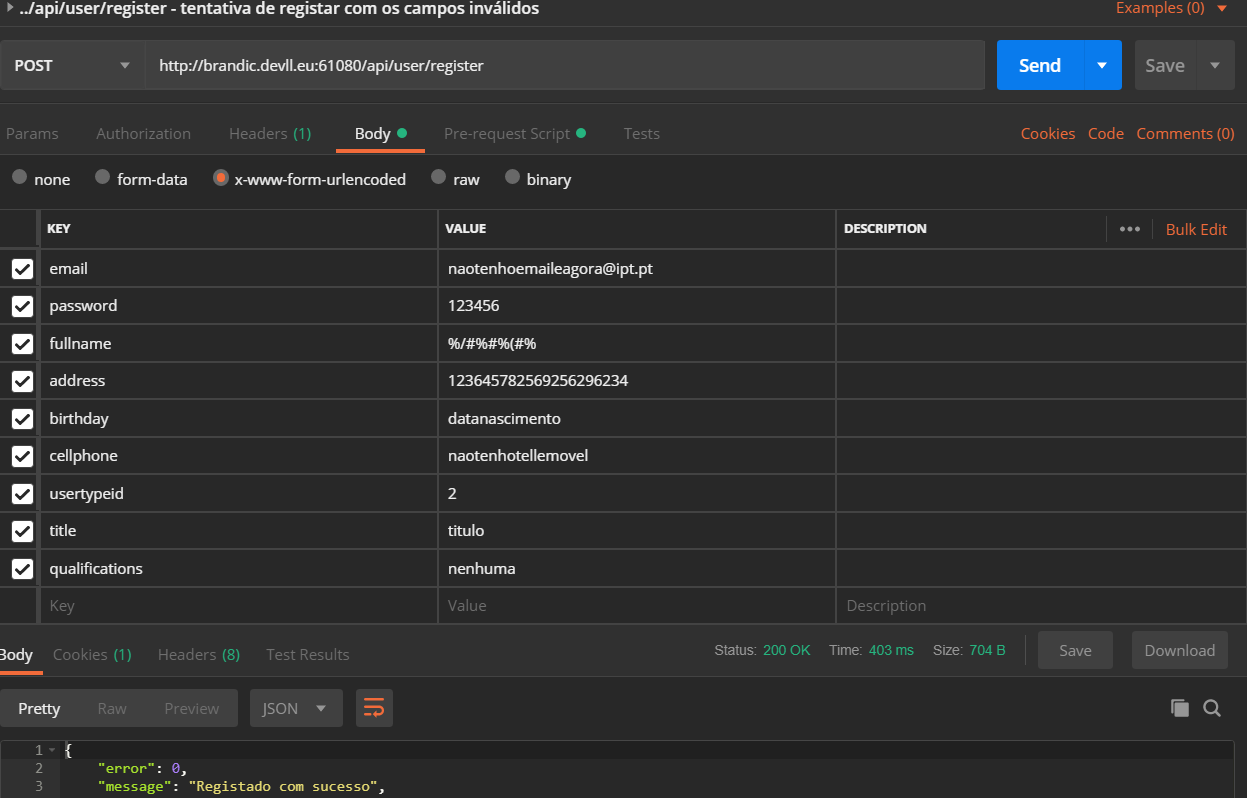
Com Pre-request Script



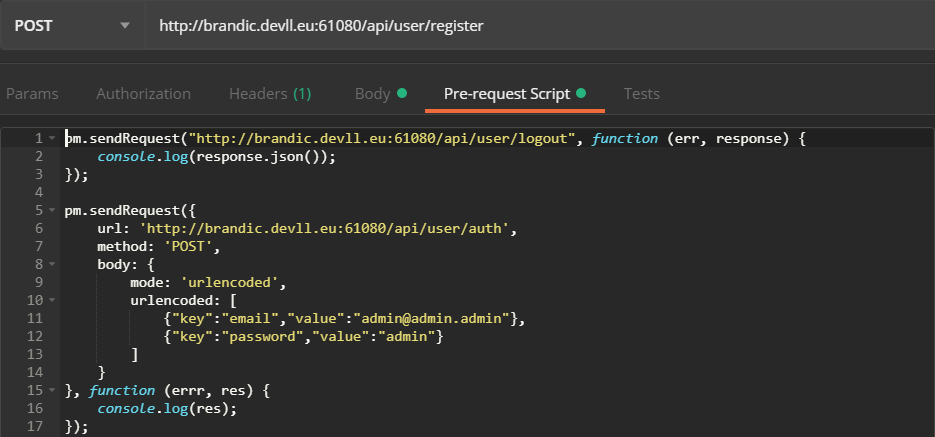
Com o Test



Tentar registar com campos inválidos:

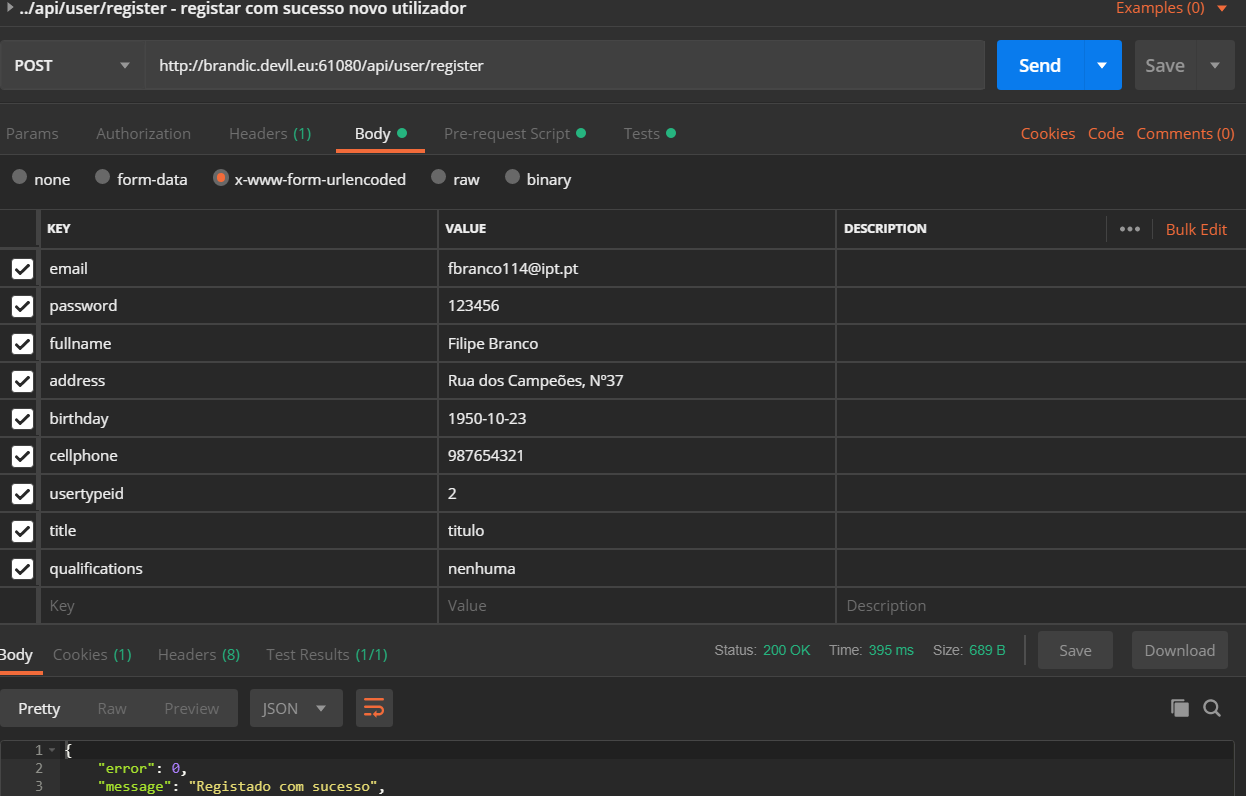


Com Pre-request Script

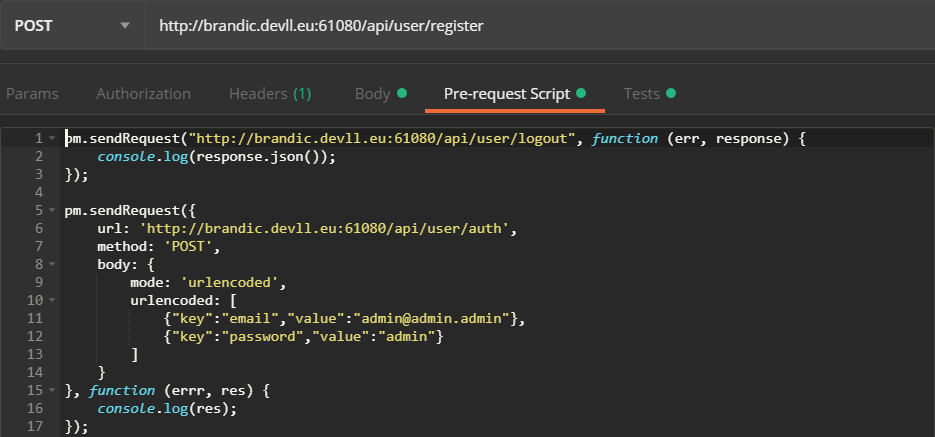


Os campos inválidos testados eram sempre aceites.

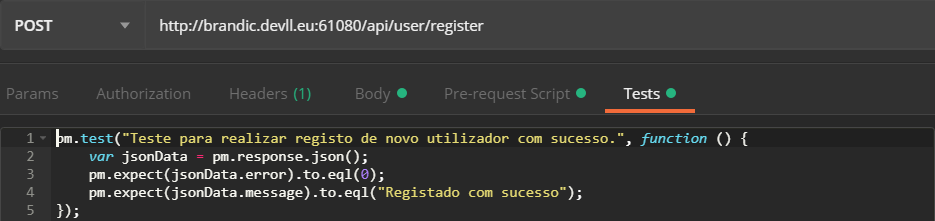
Registar com sucesso novo utilizador:



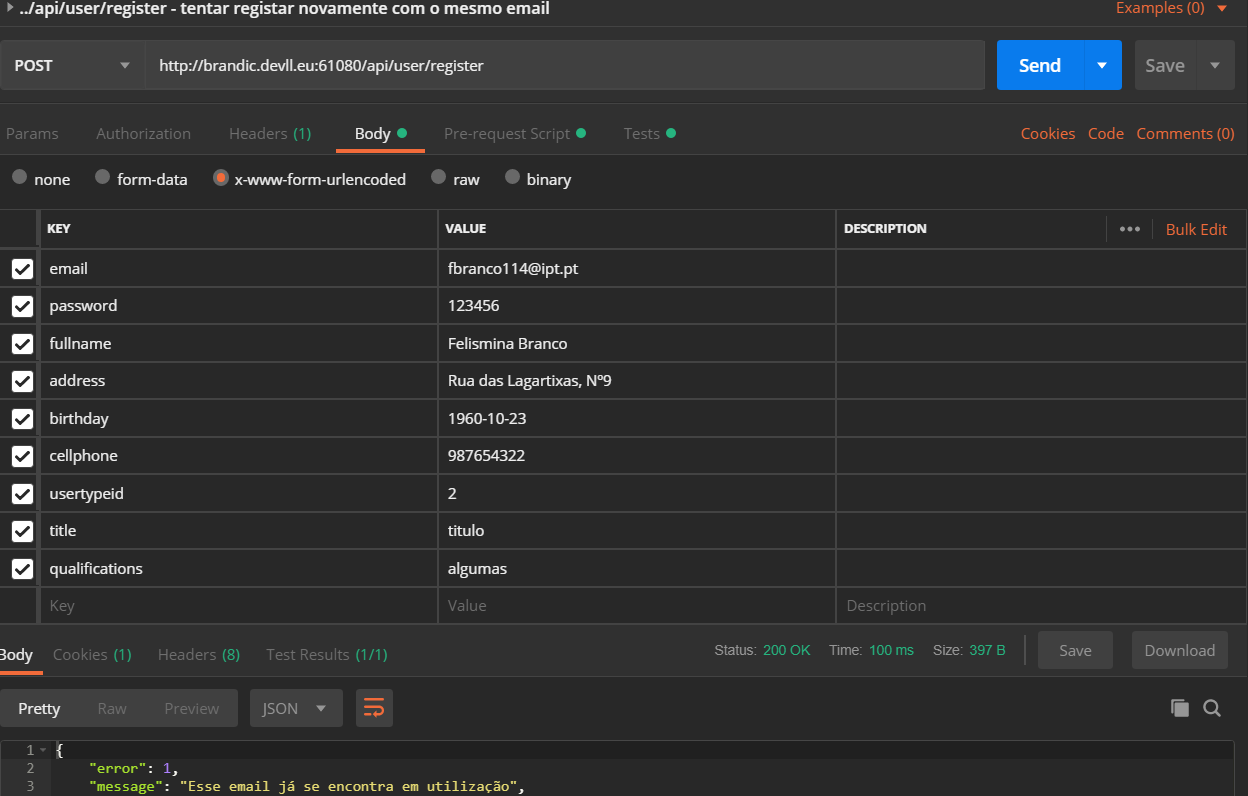
Com Pre-request Script



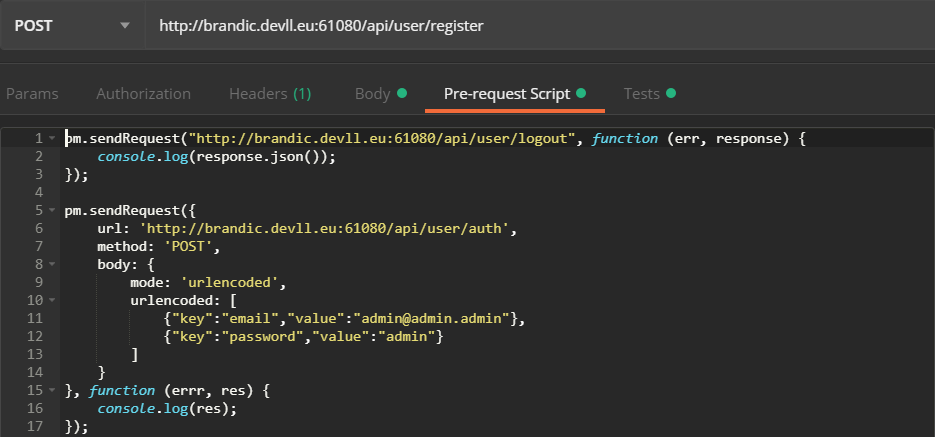
Com o Test



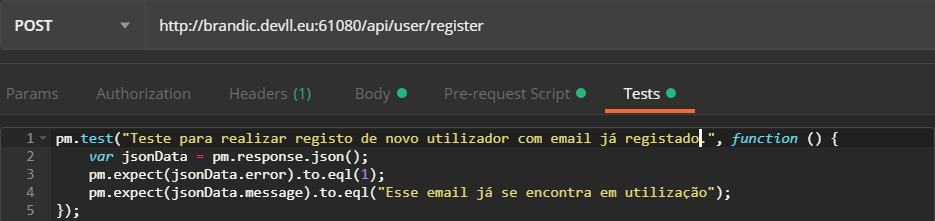
Tentar registar novamente com o mesmo mail



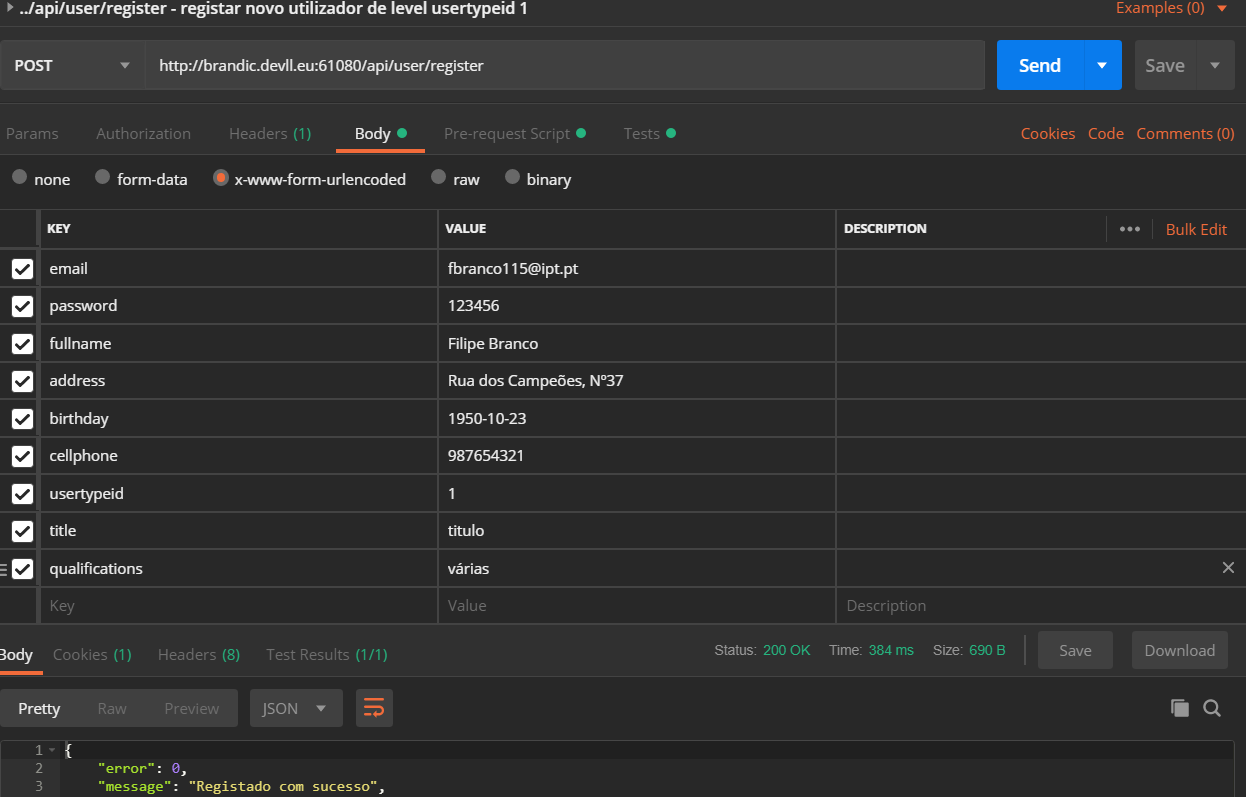
Com Pre-request Script



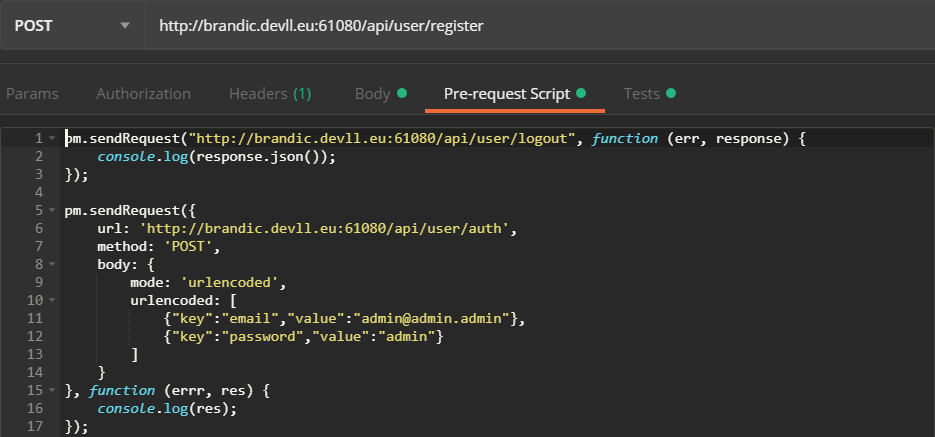
Com o Test



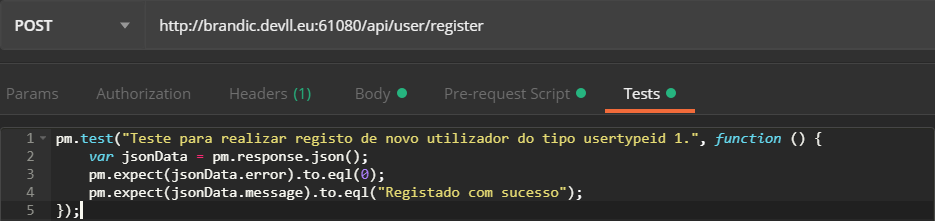
Registar novo utilizador do tipo usertypeid 1:



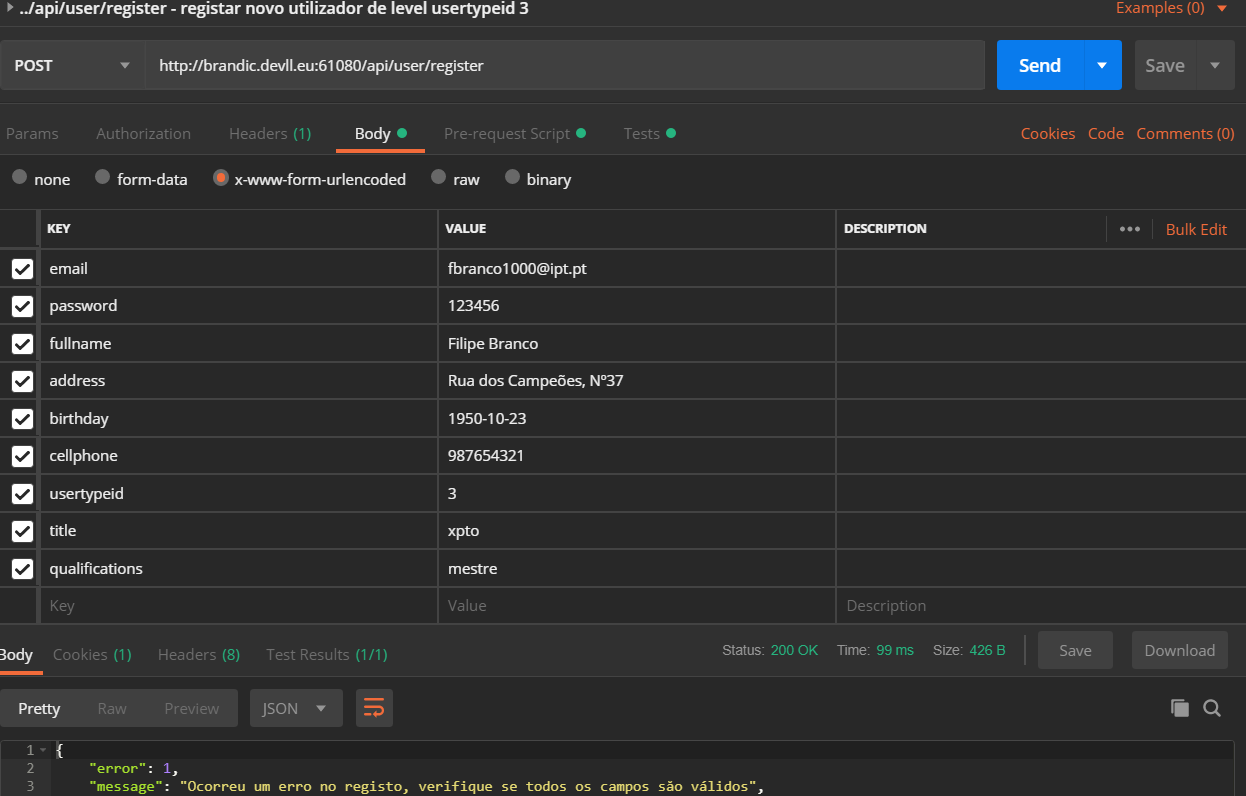
Com Pre-request Script



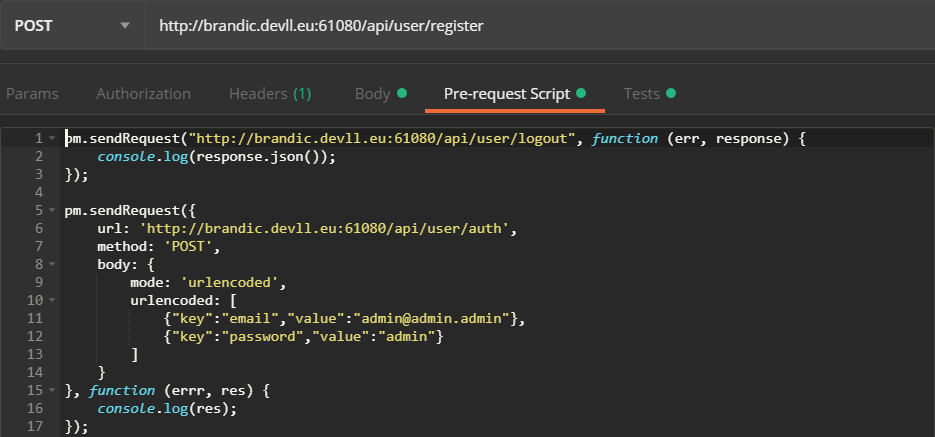
Com o Test



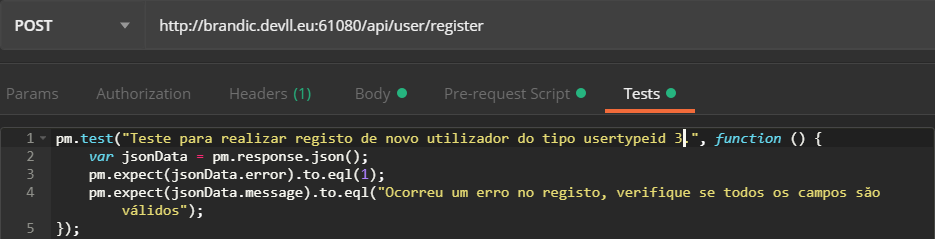
Tentativa de registar novo utilizadaor de usertypeid inexistente:



Com Pre-request Script

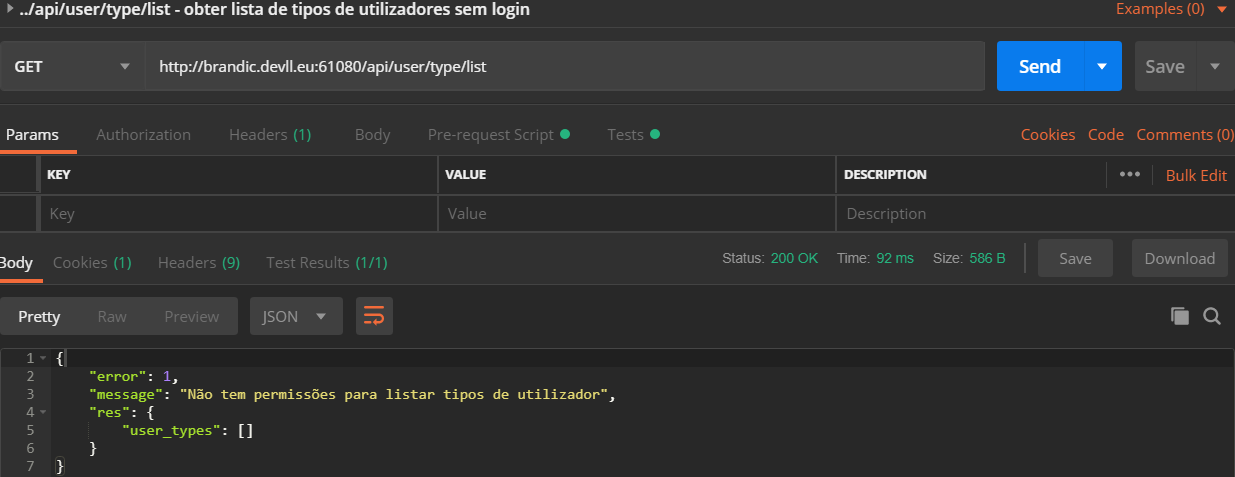


Com o Test

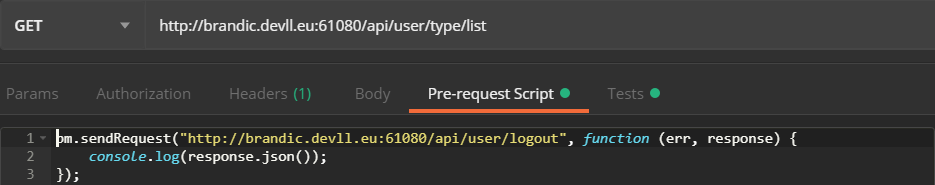


**Teste ao webservice /api/user/type/list**

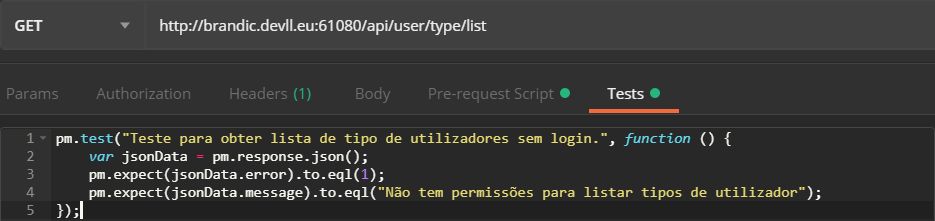
Listar tipo de utilizadores sem autenticação:



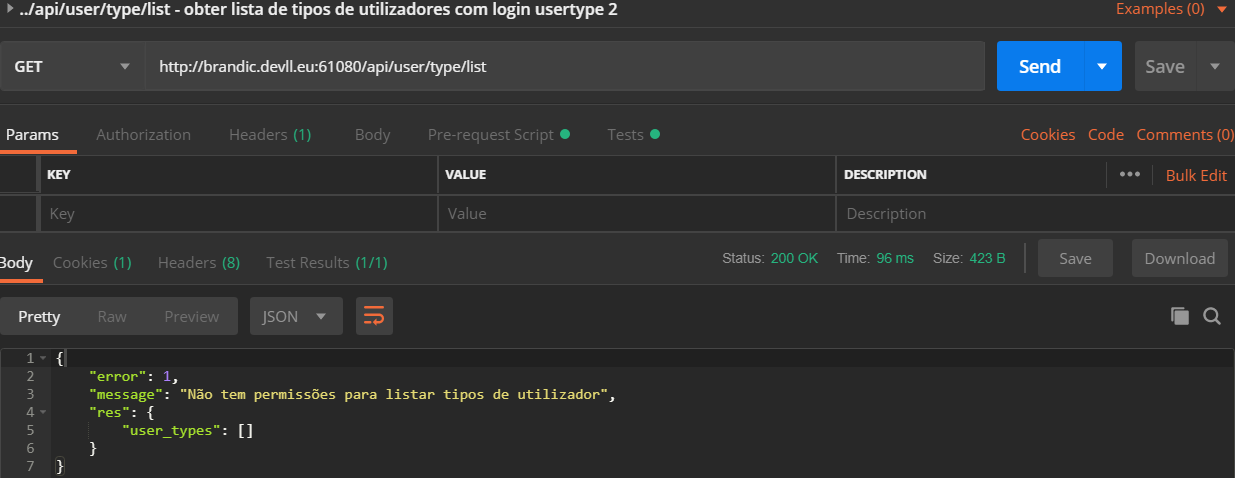
Com Pre-request Script



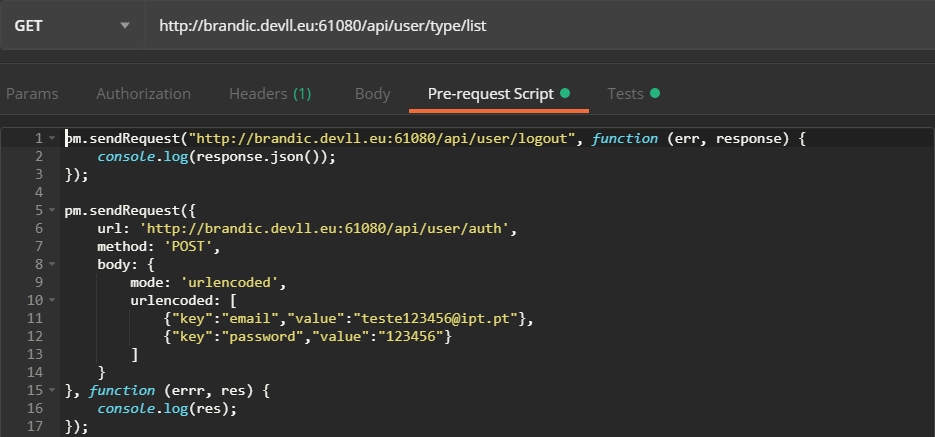
Com o Test



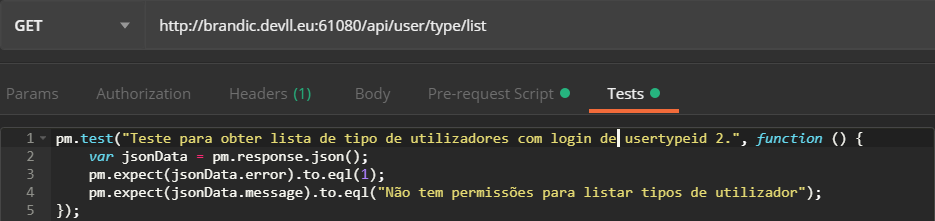
Listar tipos de utilizadores com autenticação de user tipo usertypelist 2:



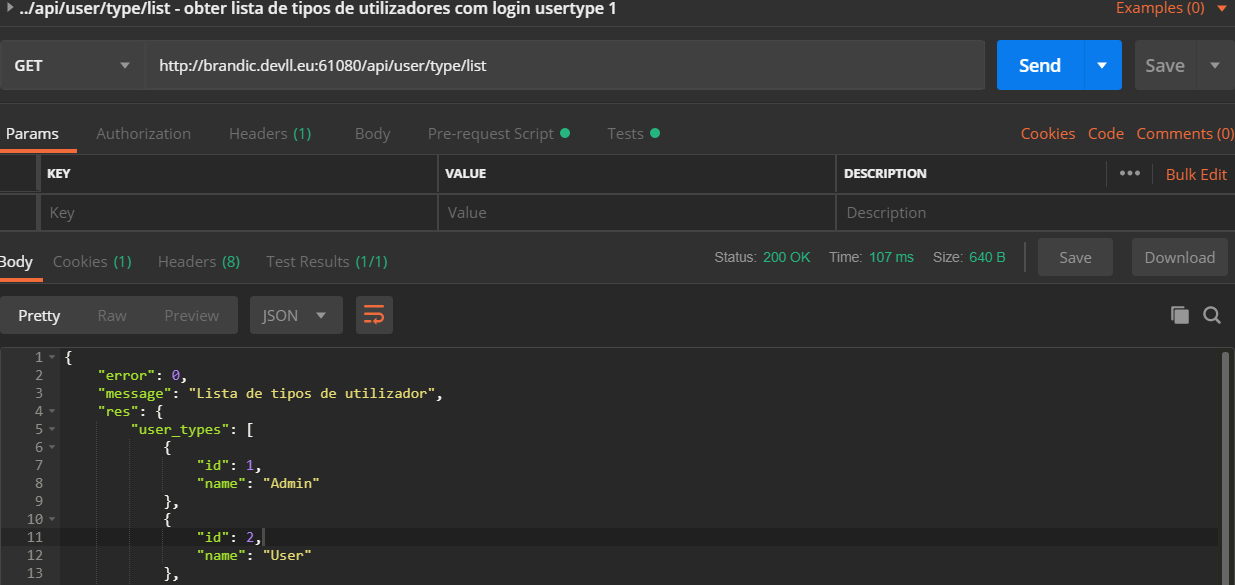
Com Pre-request Script



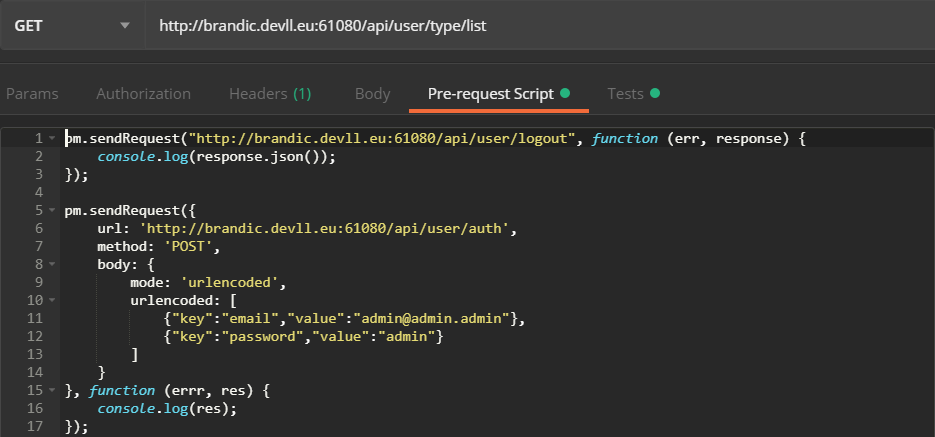
Com o Test



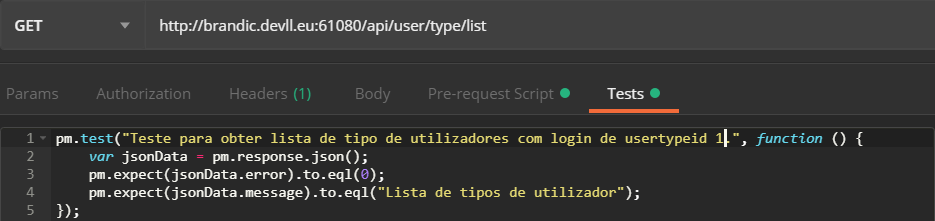
Listar tipos de utilizadores com autenticação de user tipo usertypelist 3:



Com Pre-request Script

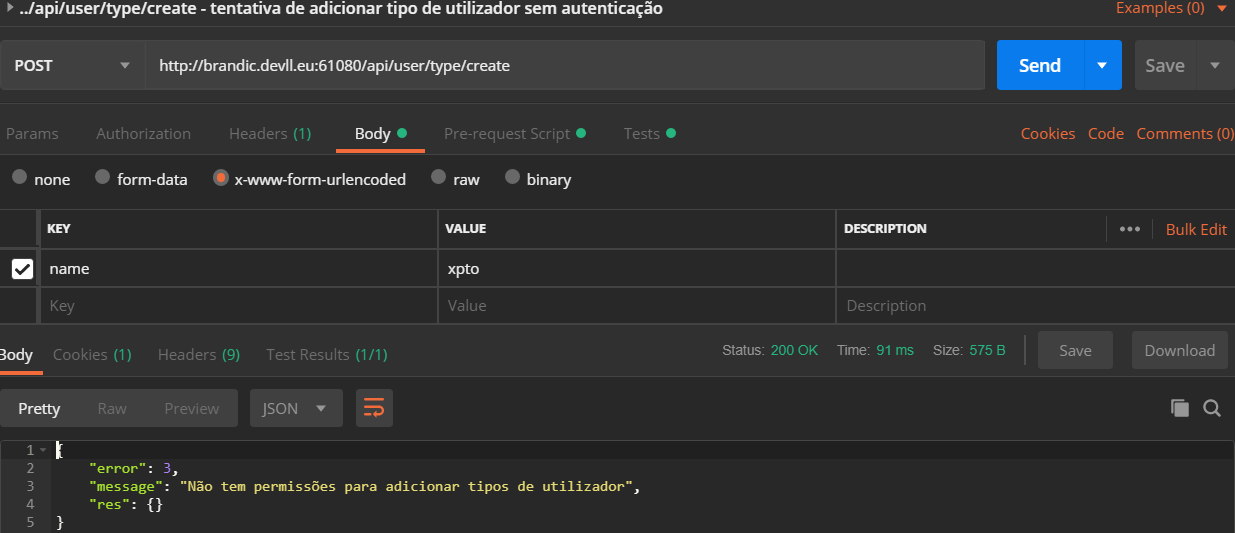


Com o Test

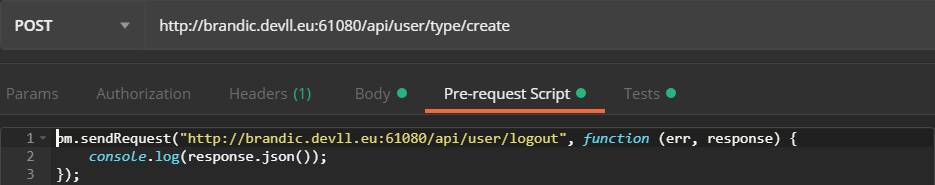


**Teste ao webservice /api/user/type/create**

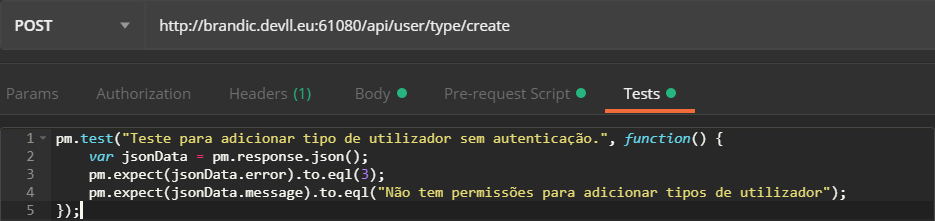
Tentar adicionar utilizador sem autenticação:



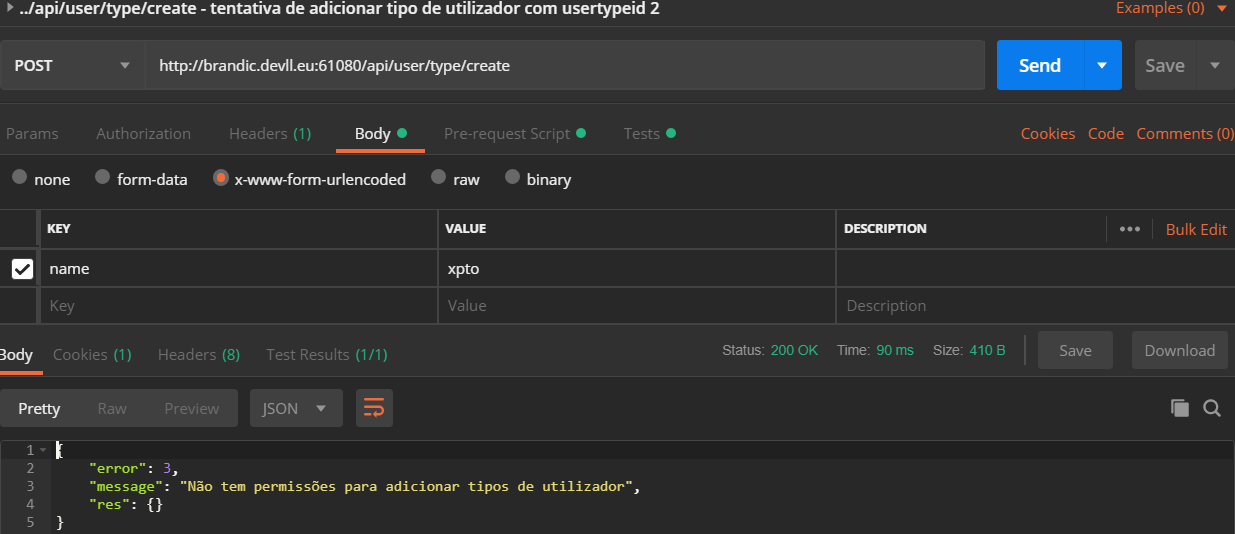
Com Pre-request Script



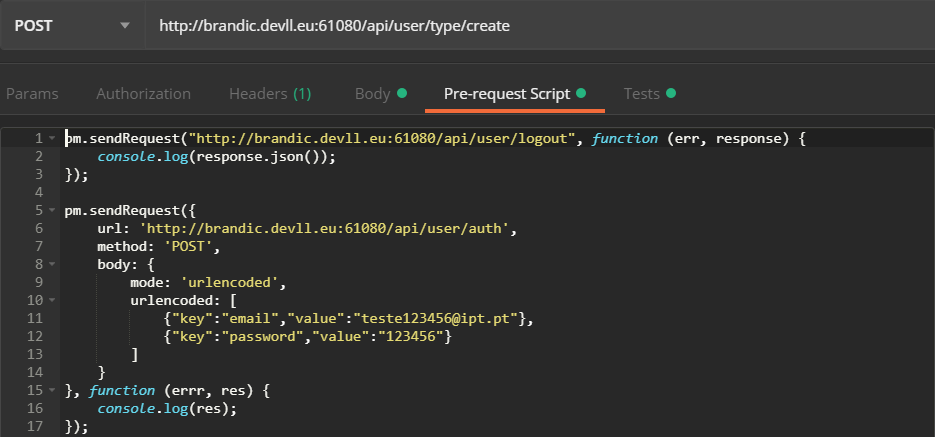
Com o Test



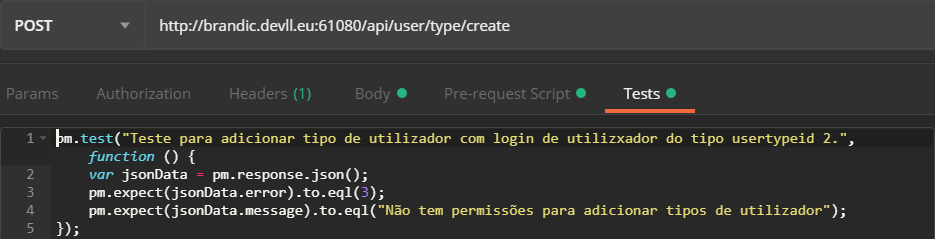
Tentar adicionar tipo de utilizador com autenticação de user do tipo 2:



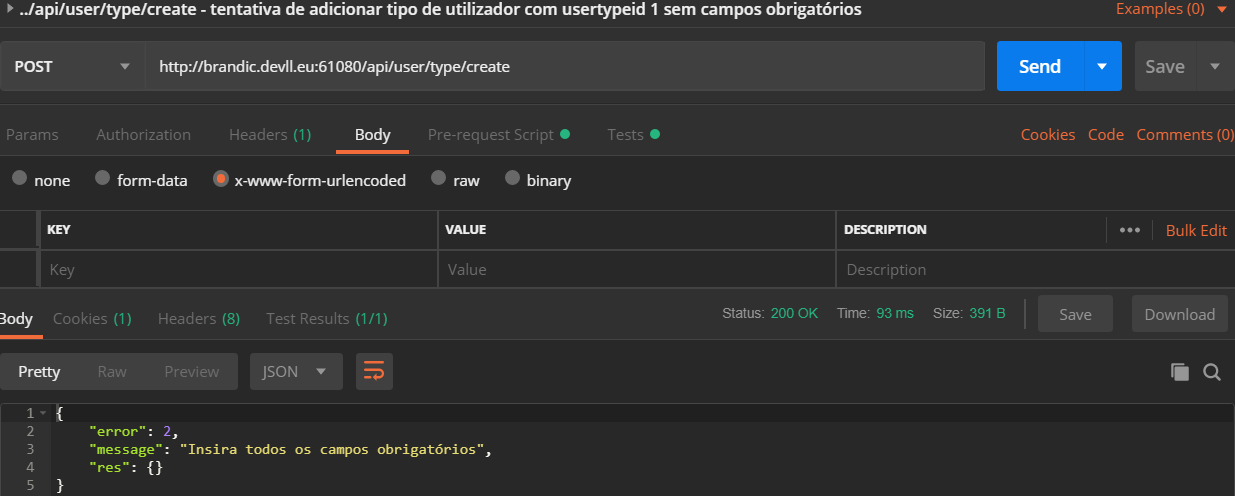
Com Pre-request Script



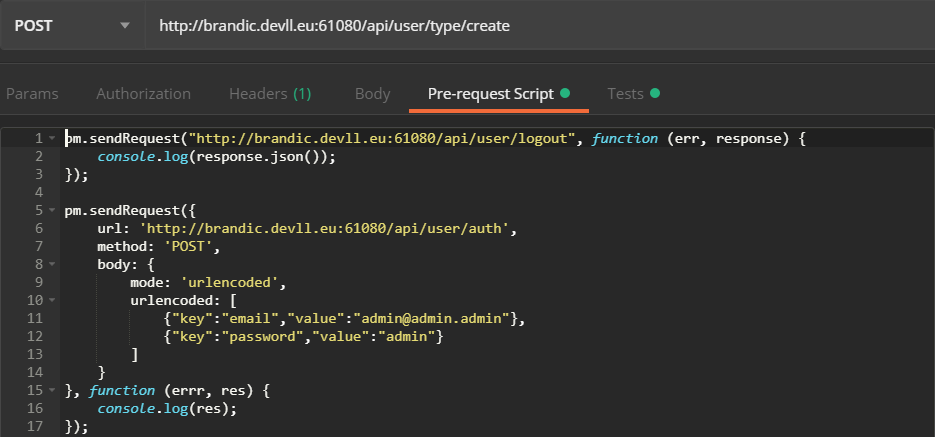
Com o Test



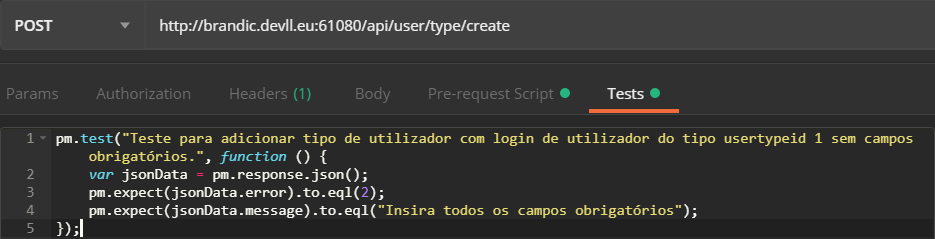
Tentar adicionar tipo de utilizador com autenticação de user do tipo 1 sem campos obrigatórios:



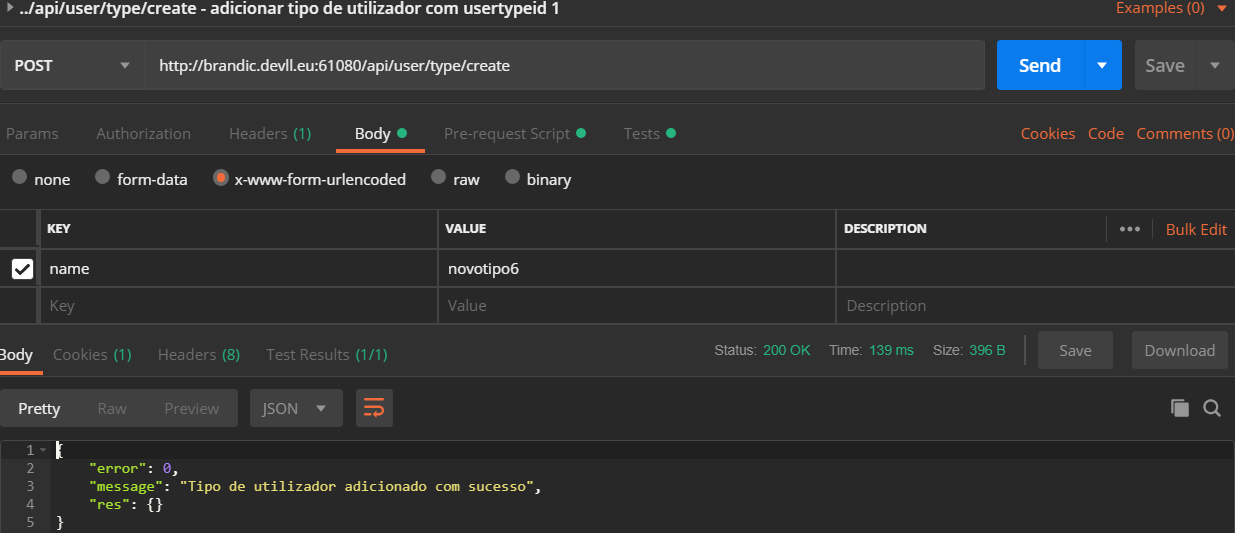
Com Pre-request Script



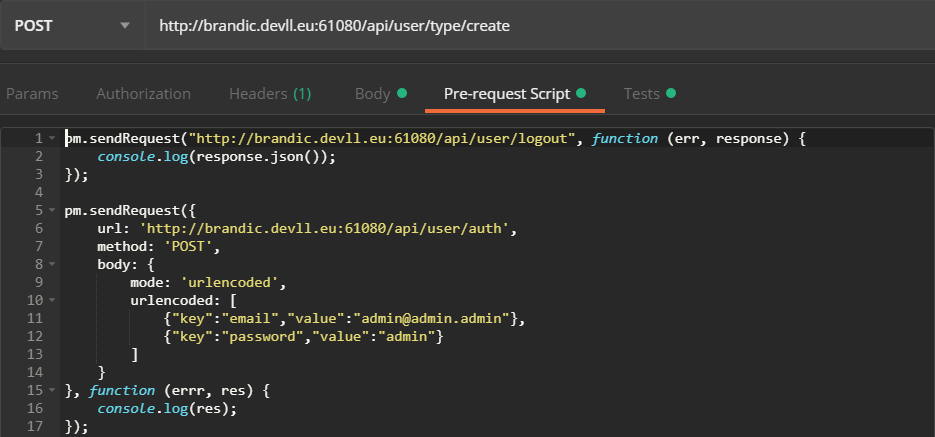
Com o Test



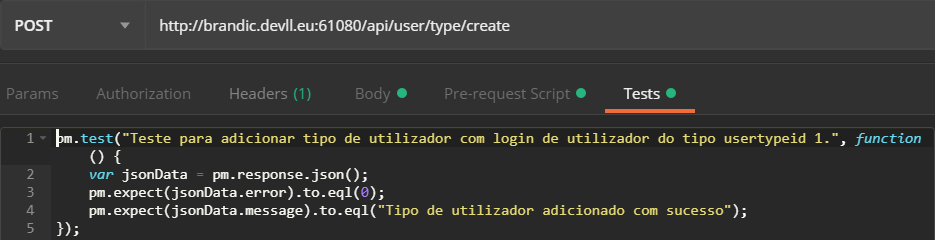
Tentar adicionar tipo de utilizador com autenticação de user do tipo 1:



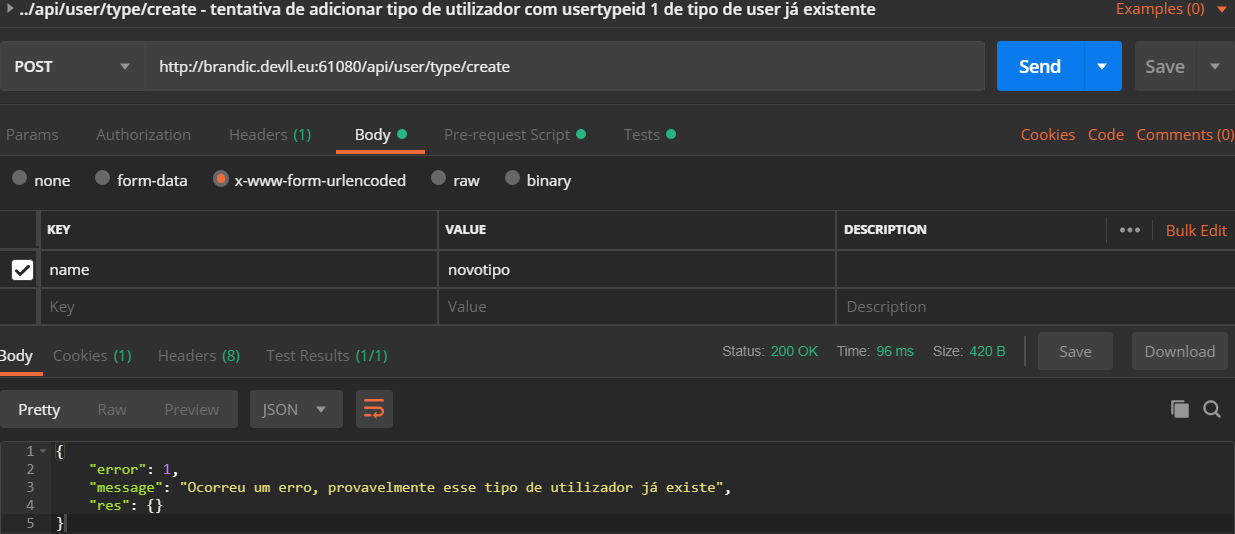
Com Pre-request Script



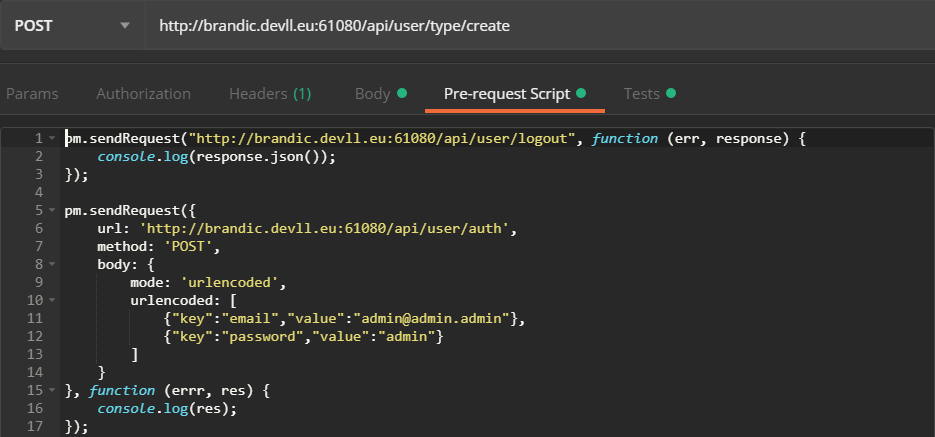
Com o Test



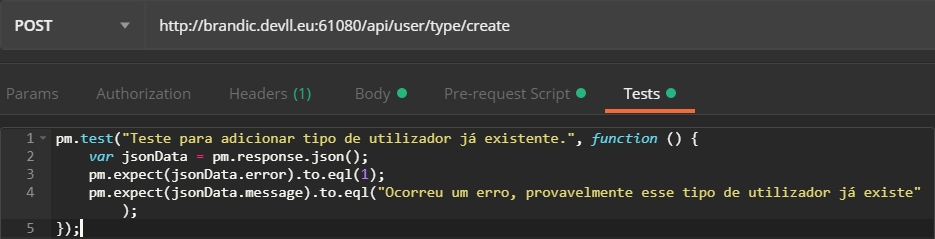
Tentativa de adicionar tipo de utilizador com usertypeid 1 de tipo de user já existente:



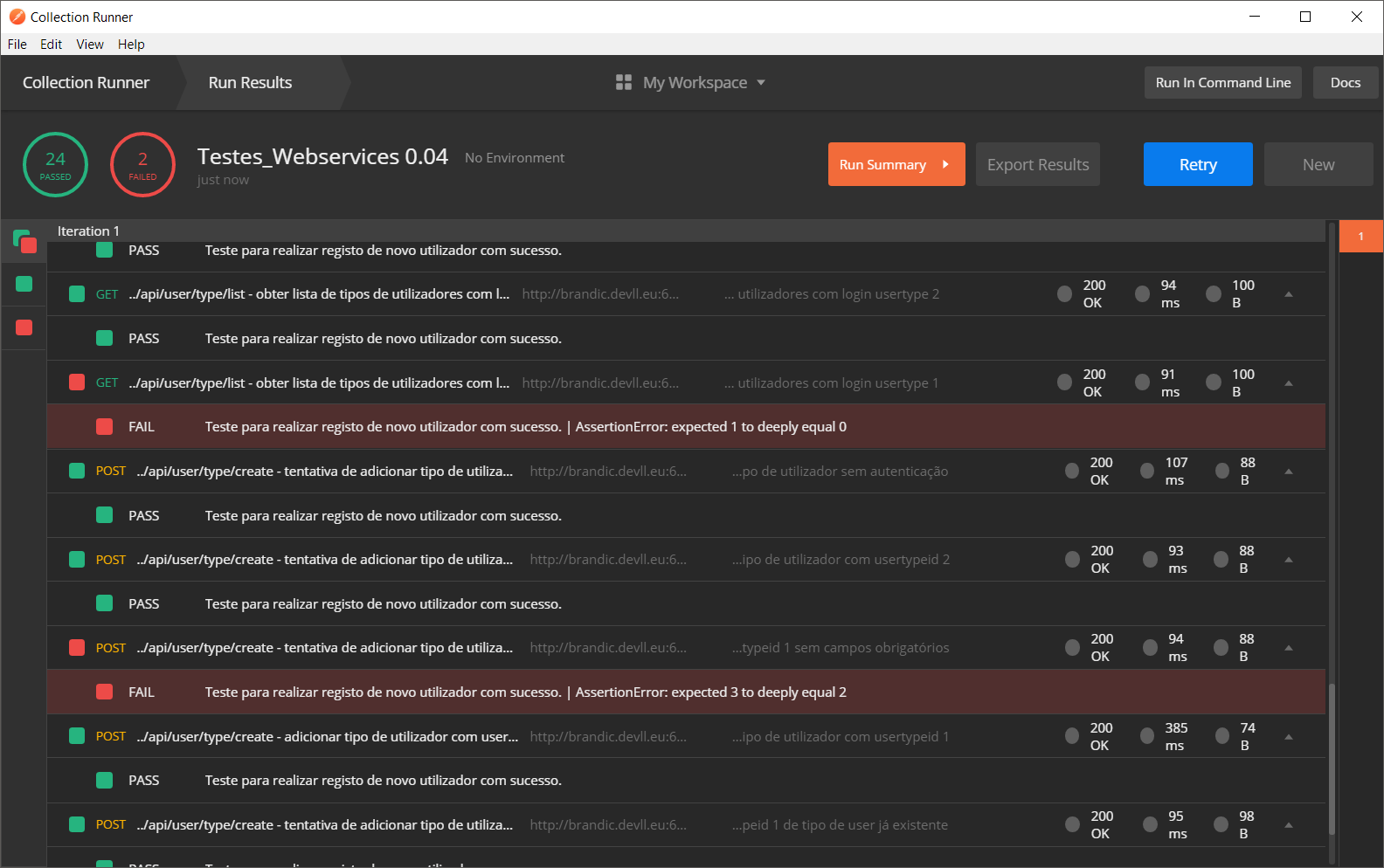
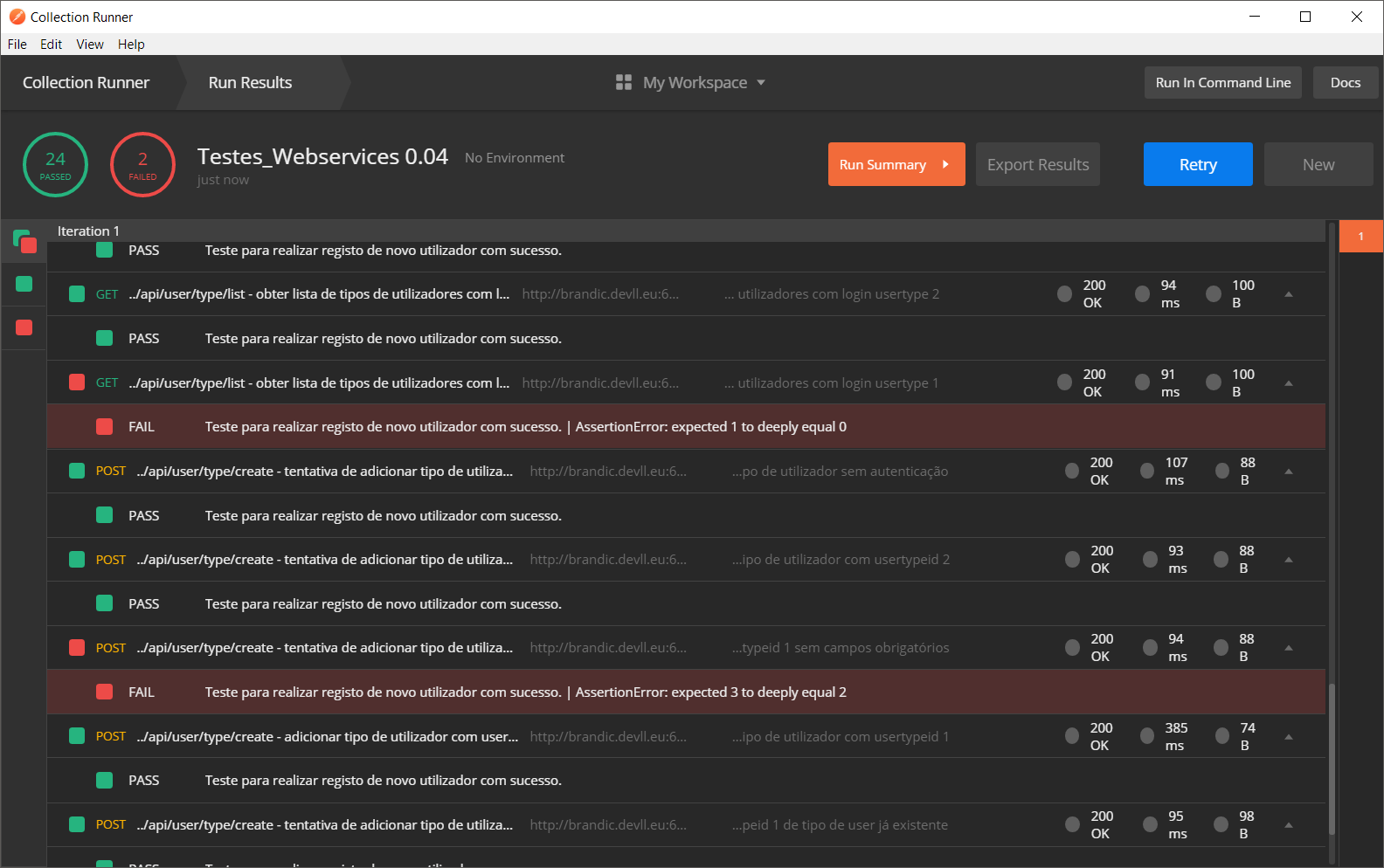
Com Pre-request Script



Com o Test



Apesar de todos os testes serem executados manualmente um a um sem problemas, mas quando se executa a collection de todos os testes automaticamente, por alguma razão alguns testes não passam, e parece aleatoriamente:

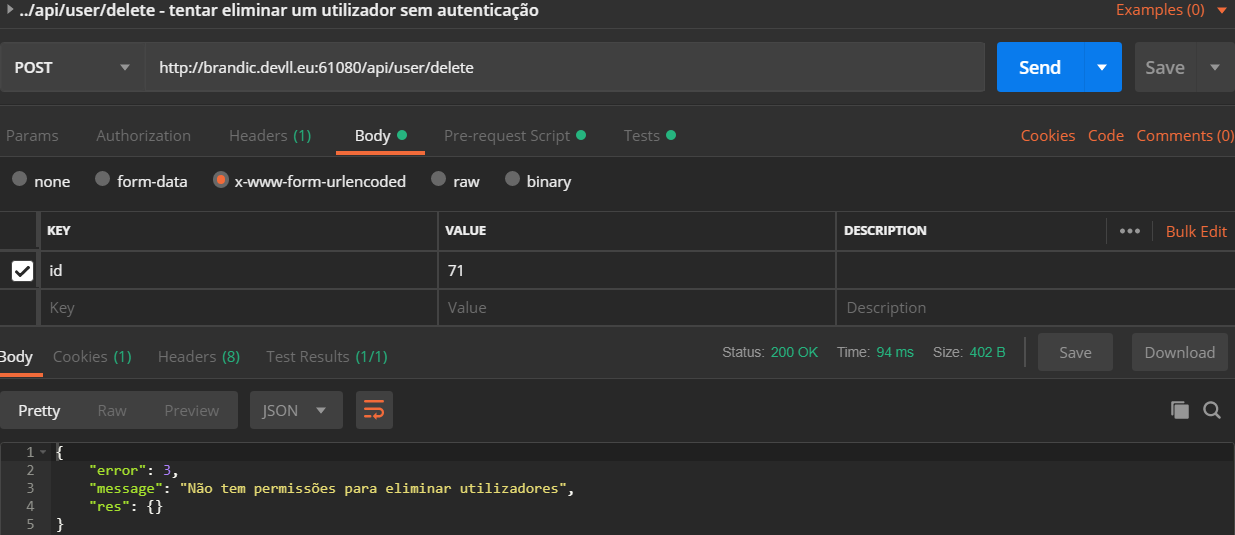


Foram efectuados testes aos webservices:

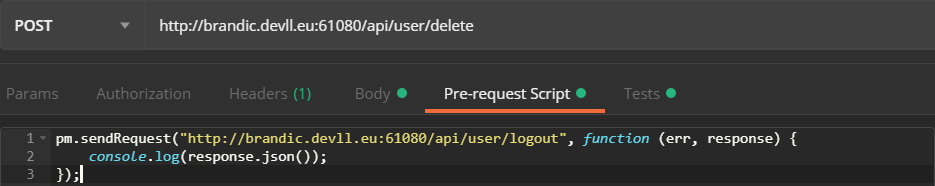
* /api/user/delete
* /api/user/change
* /api/user/changepassword
* /api/user/type/change

**Teste ao webservice /api/user/delete**

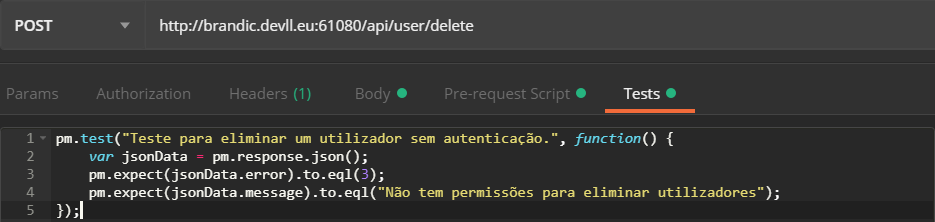
Tentar eliminar um utilizador sem autenticação:



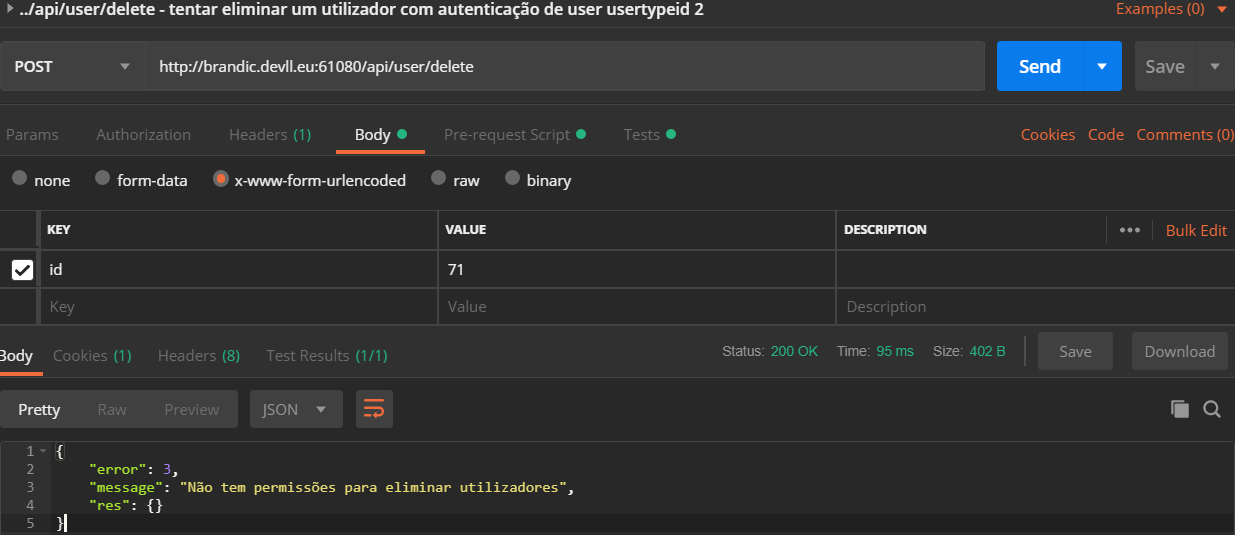
Com Pre-request Script



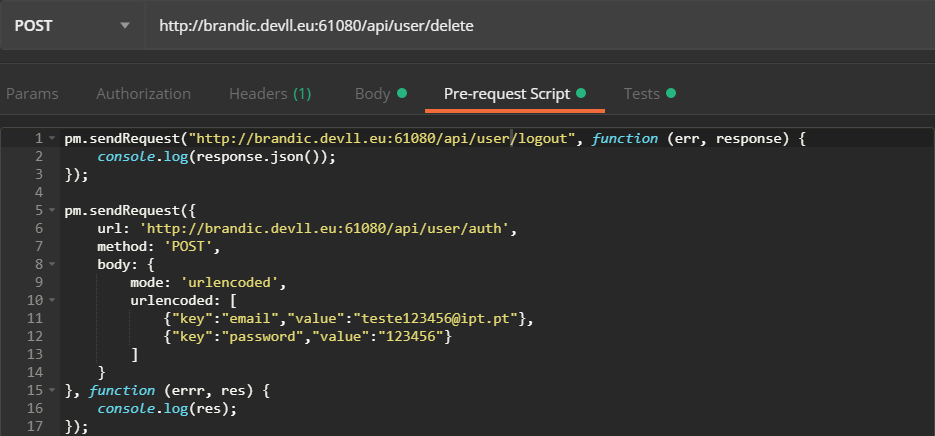
Com o Test



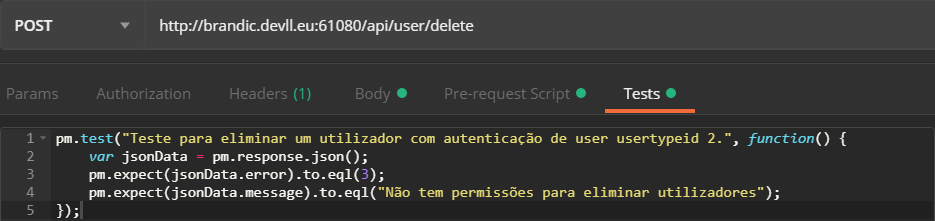
Tentar eliminar um utilizador com autenticação de user usertypeid 2



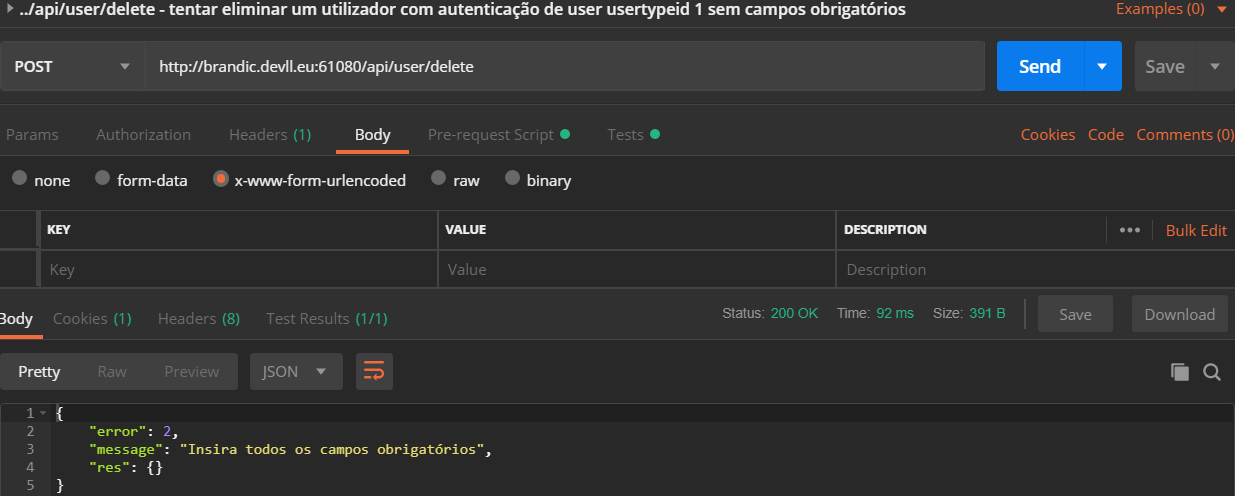
Com Pre-request Script



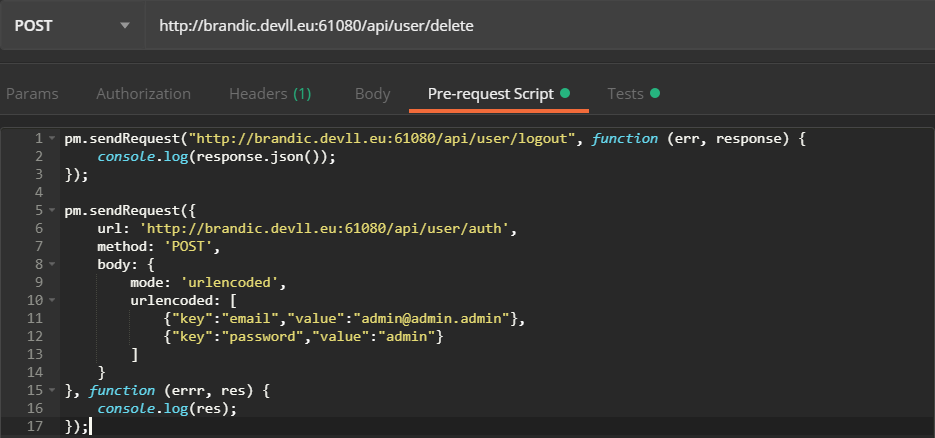
Com o Test



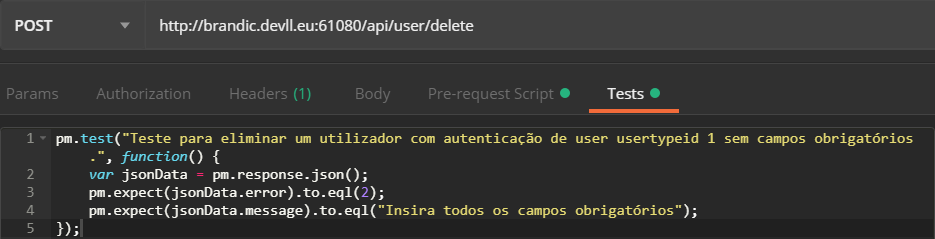
Tentar eliminar um utilizador com autenticação de user usertypeid 1 sem campos obrigatórios:



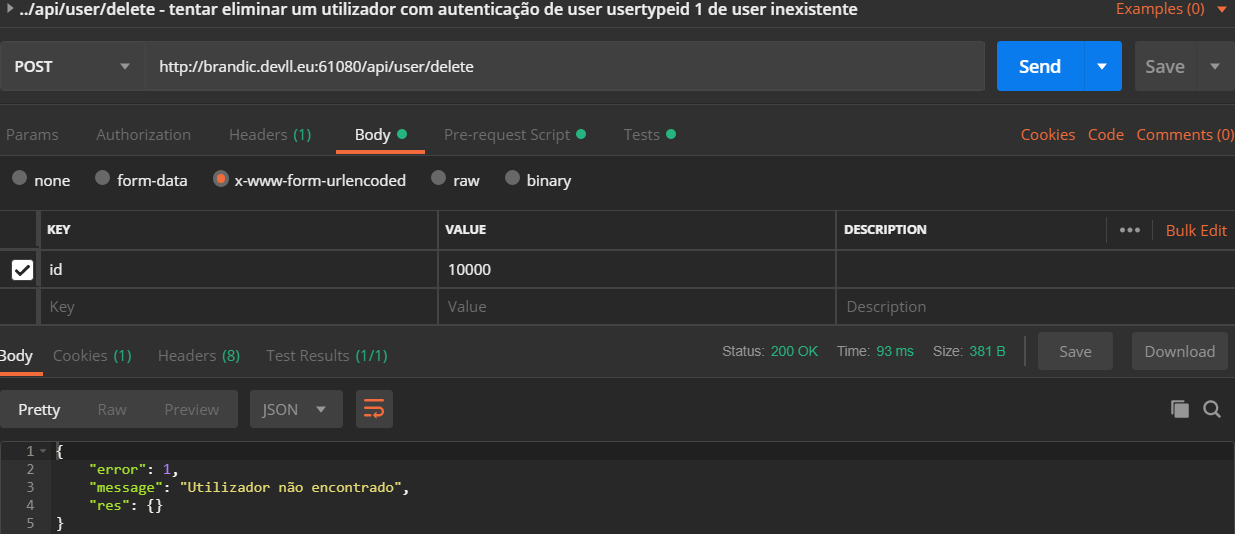
Com Pre-request Script



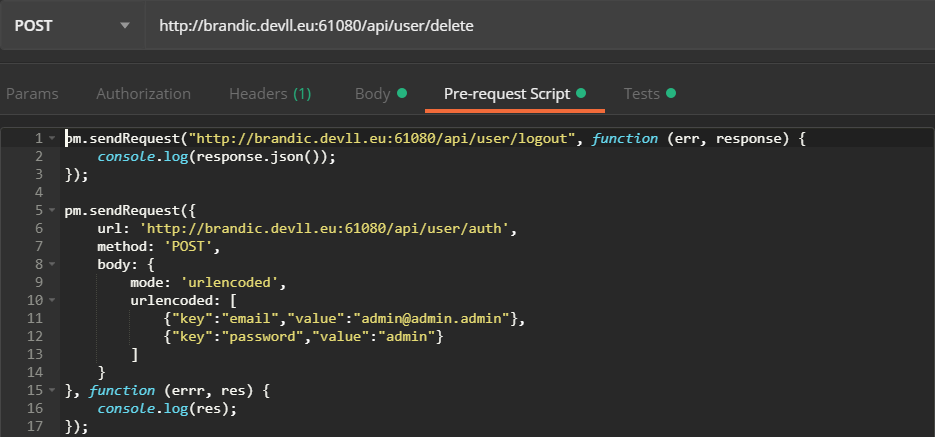
Com o Test



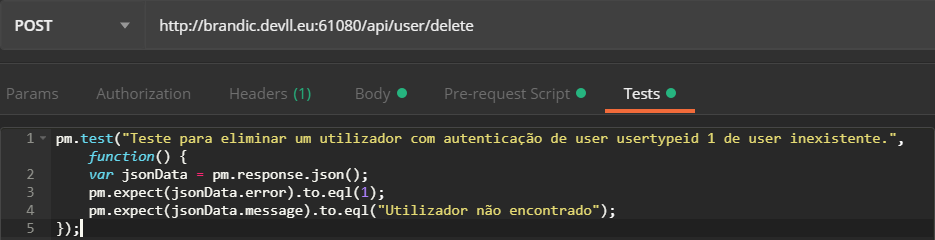
Tentar eliminar um utilizador com autenticação de user usertypeid 1 de user inexistente:



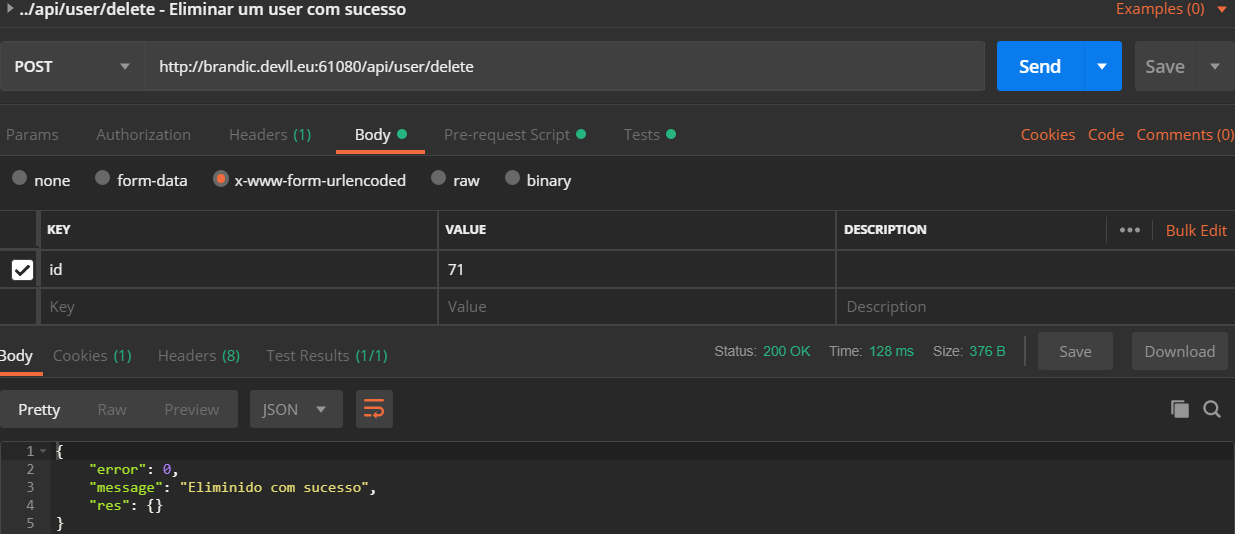
Com Pre-request Script



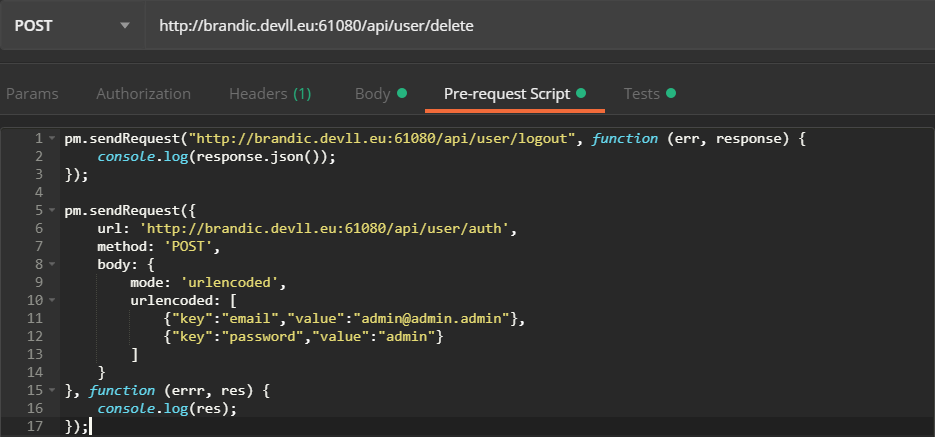
Com o Test



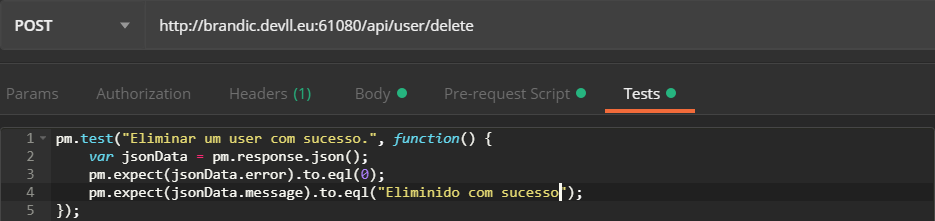
Eliminar um utilizador com sucesso:



Com Pre-request Script

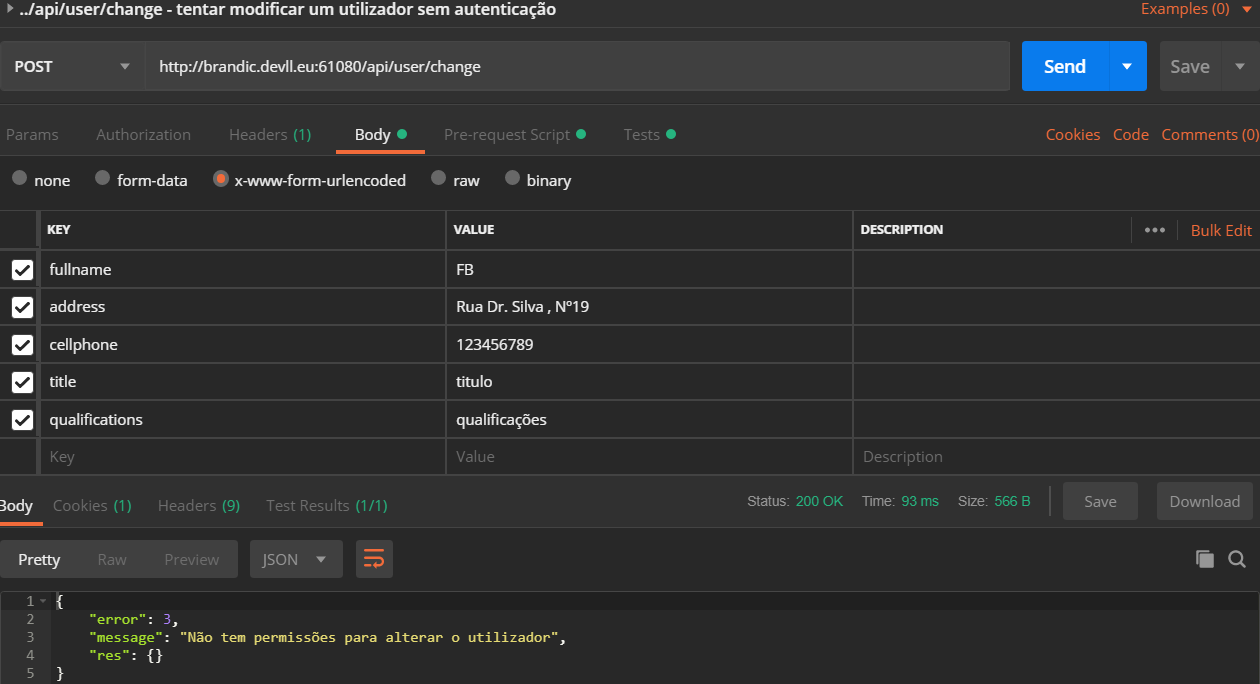


Com o Test

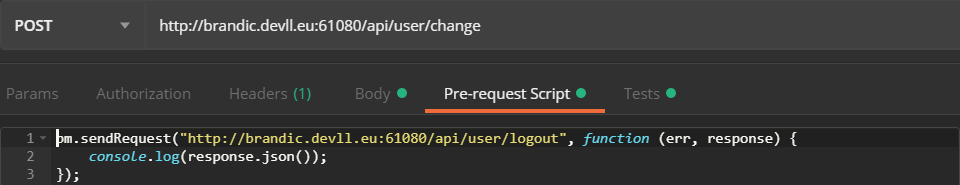


**Teste ao webservice /api/user/change**

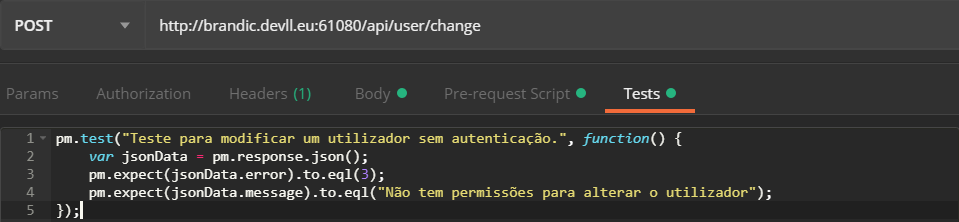
Teste para modificar um utilizador sem autenticação:



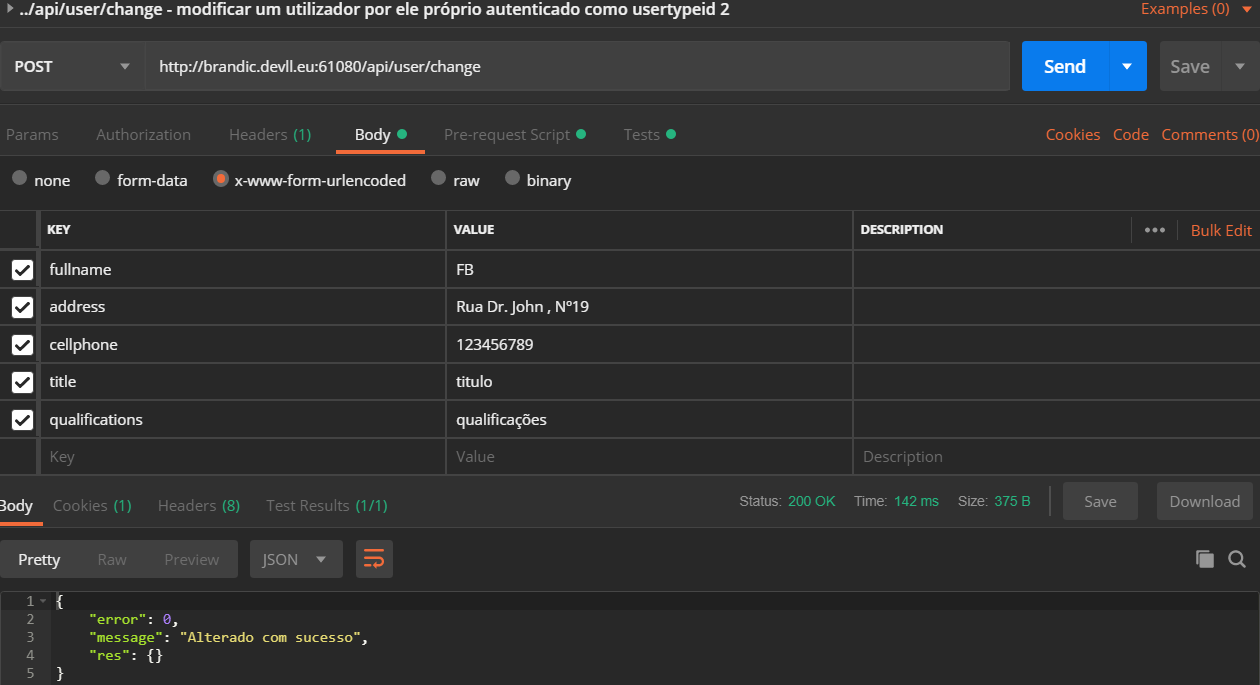
Com Pre-request Script



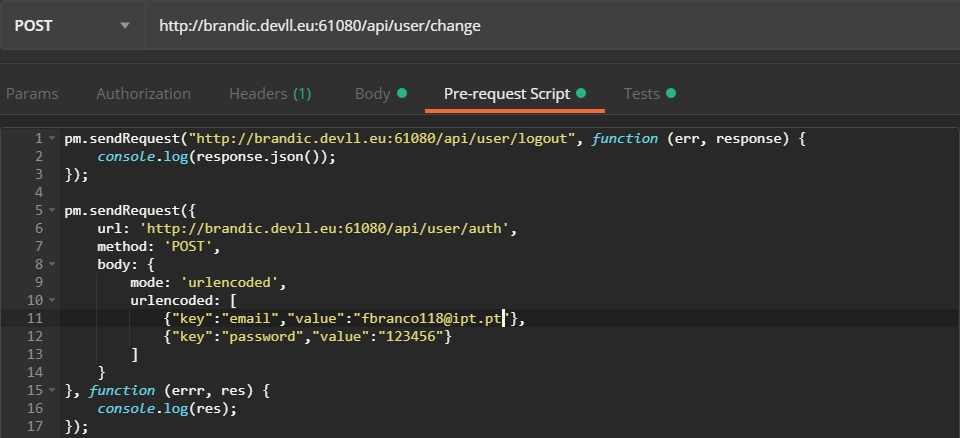
Com o Test



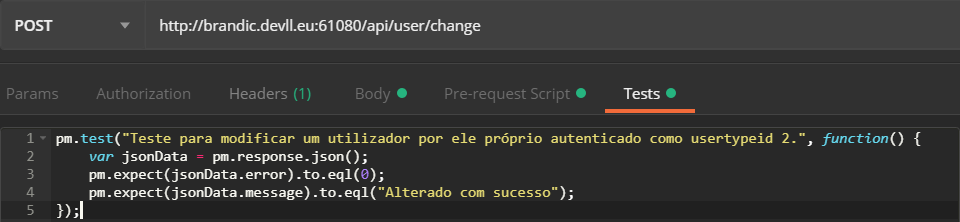
Teste para modificar um utilizador por ele próprio autenticado como usertypeid 2:



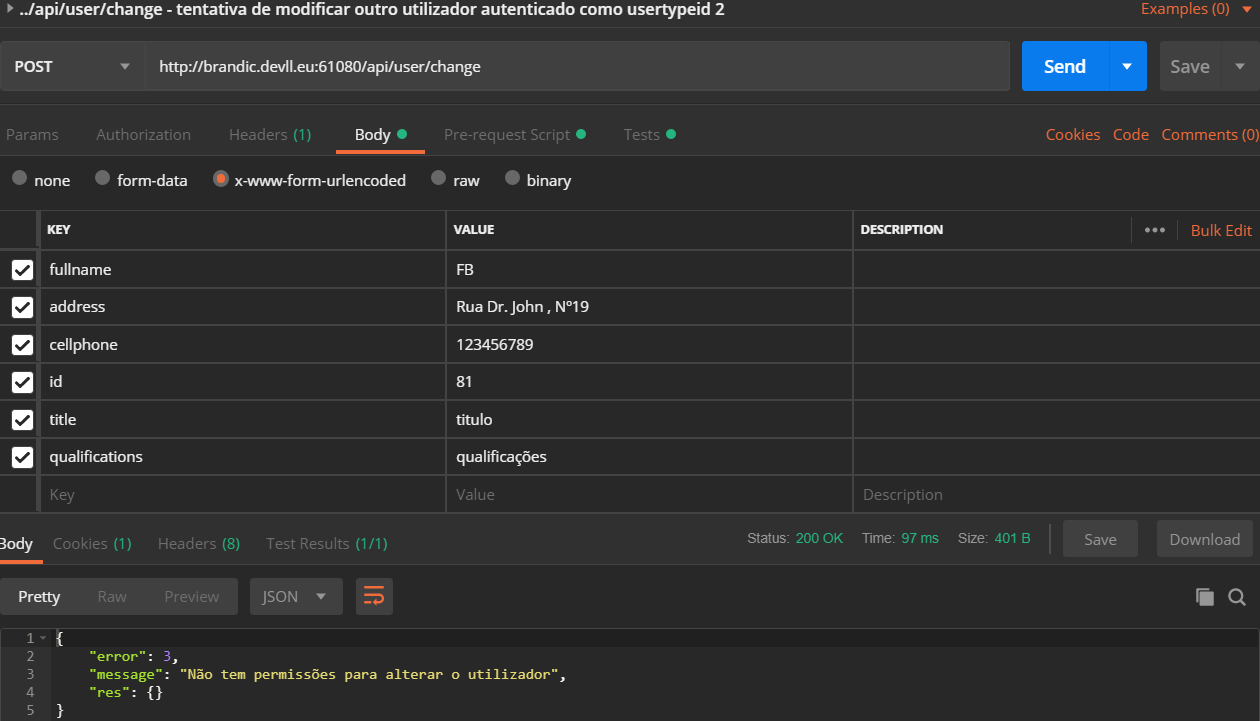
Com Pre-request Script



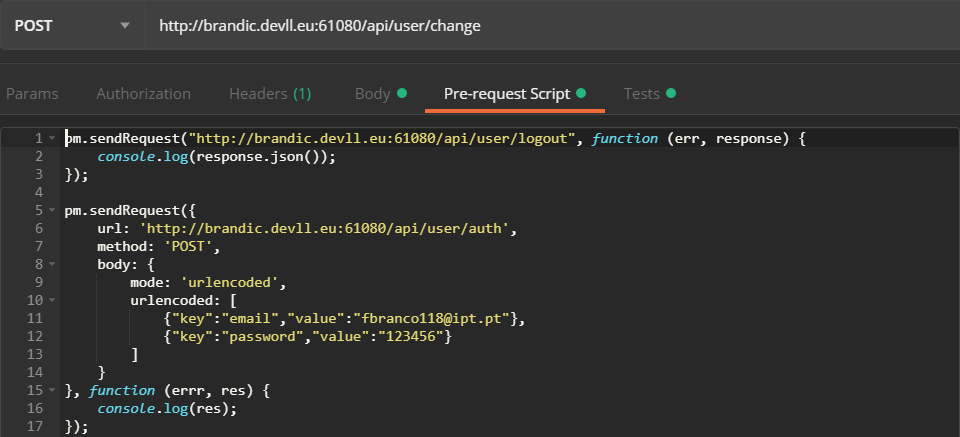
Com o Test



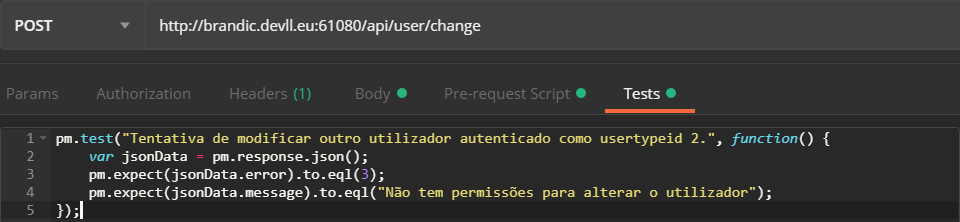
Tentativa de modificar outro utilizador autenticado como usertypeid 2:



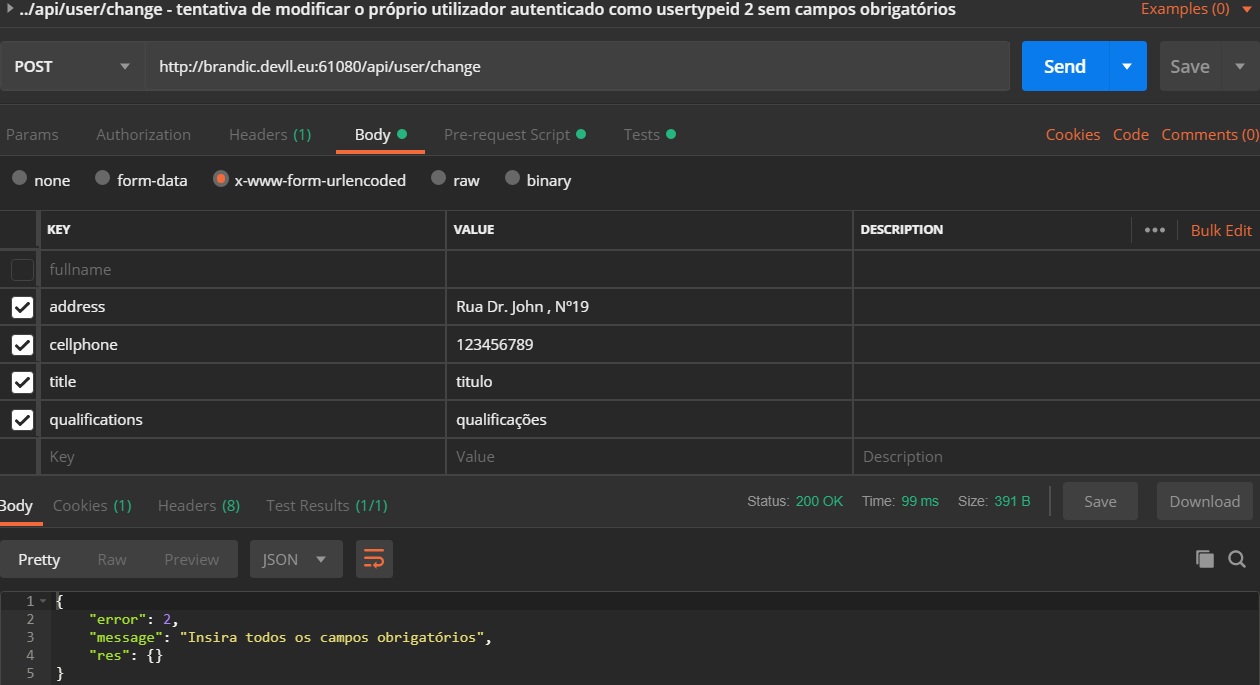
Com Pre-request Script



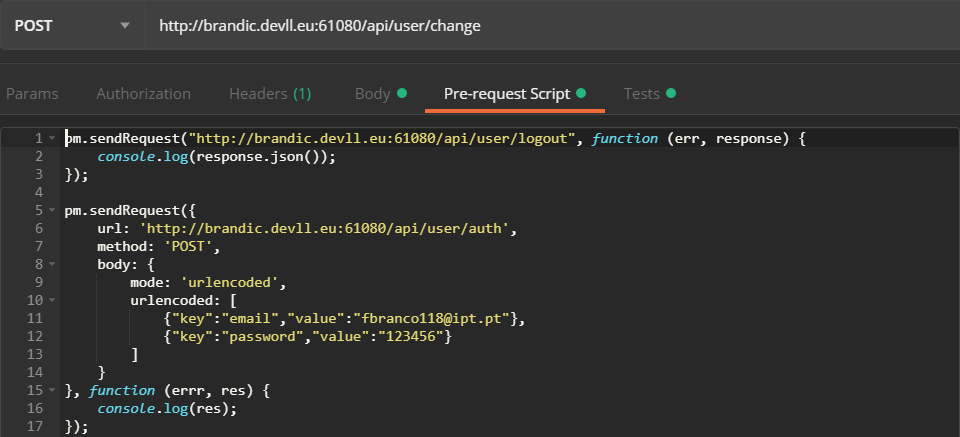
Com o Test



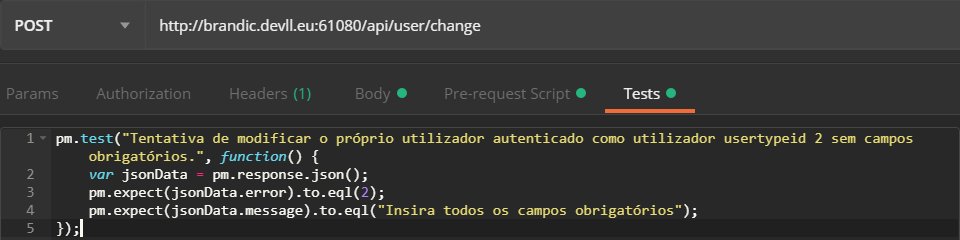
Tentativa de modificar o próprio utilizador autenticado como utilizador usertypeid 2 sem campos obrigatórios:



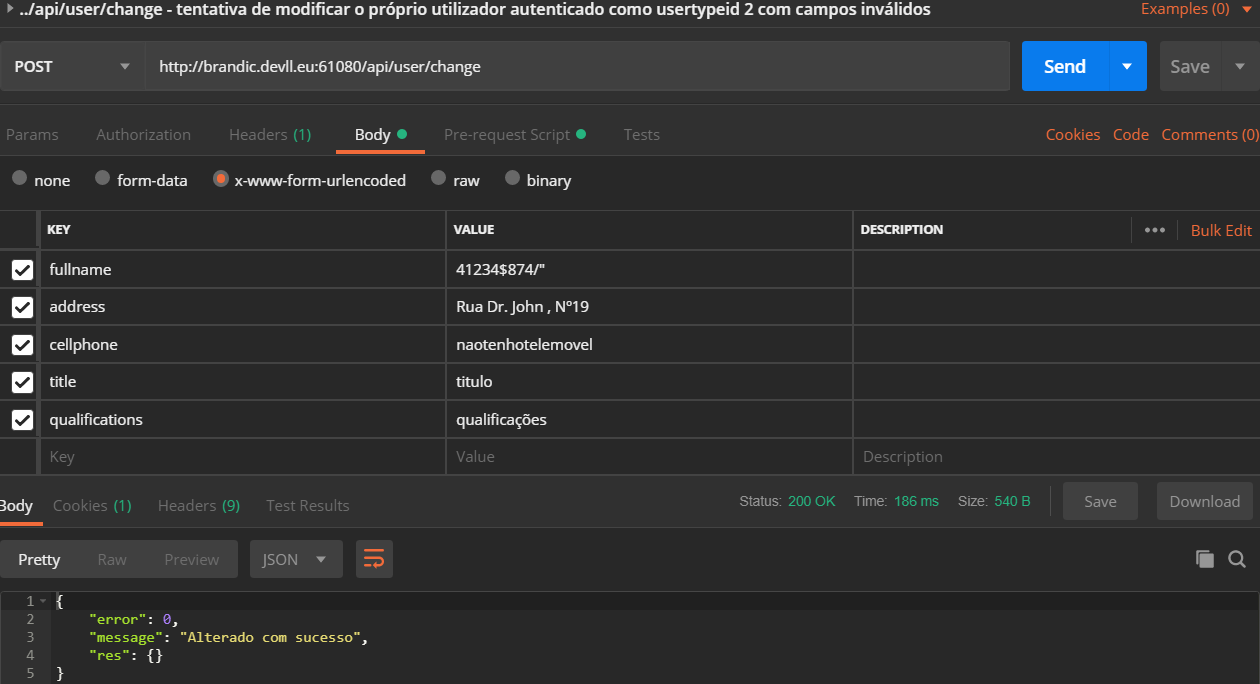
Com Pre-request Script



Com o Test



Tentativa de modificar o próprio utilizador autenticado como usertypeid 2 com campos inválidos:

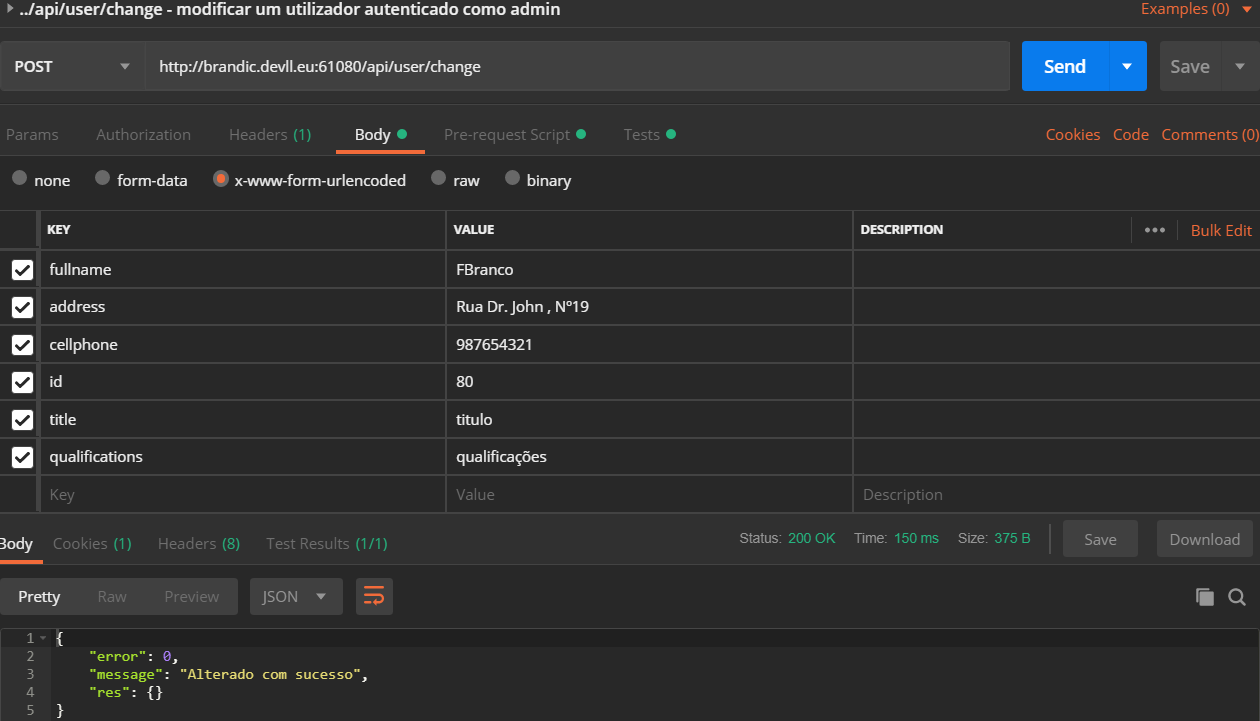


Com Pre-request Script

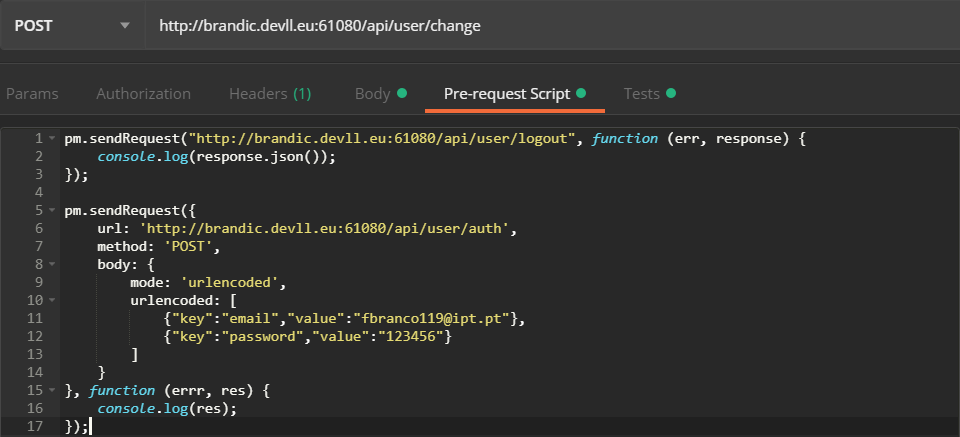


Os campos inválidos testados eram sempre aceites.

Modificar um utilizador autenticado como admin:



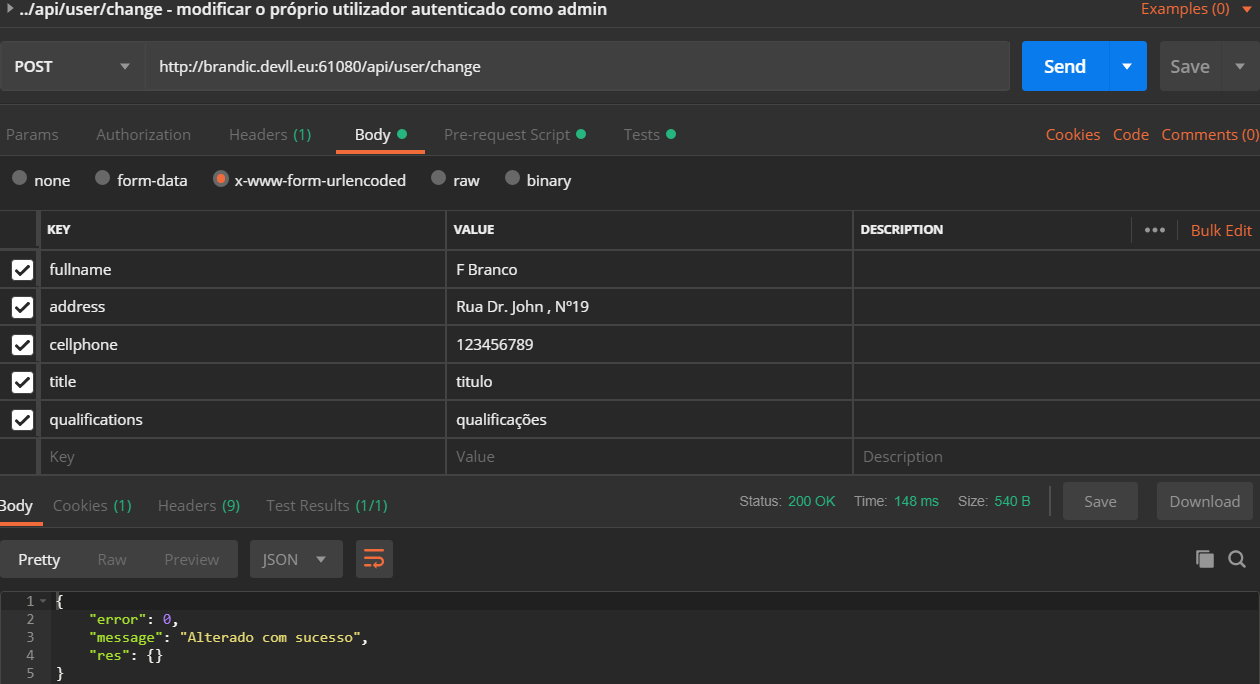
Com Pre-request Script



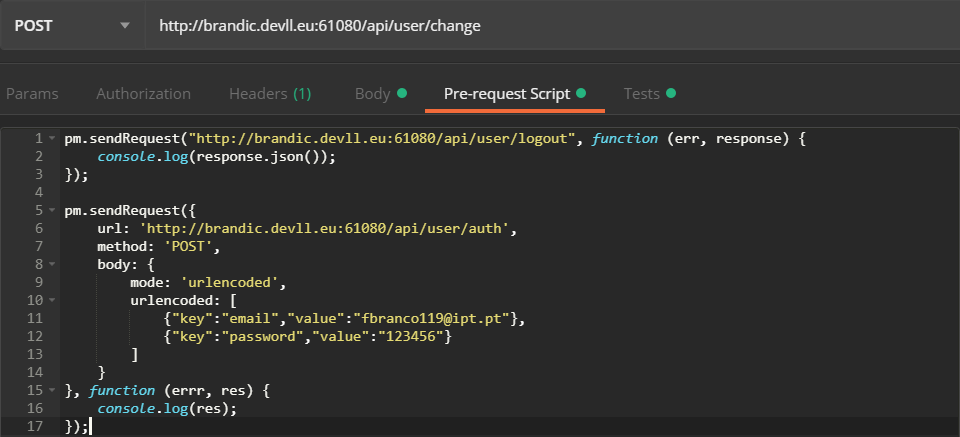
Com o Test



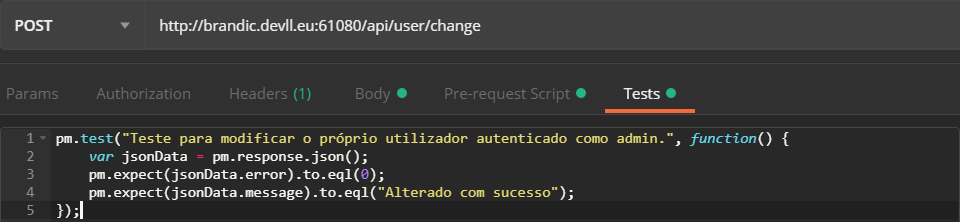
Modificar o próprio utilizador autenticado como admin:



Com Pre-request Script

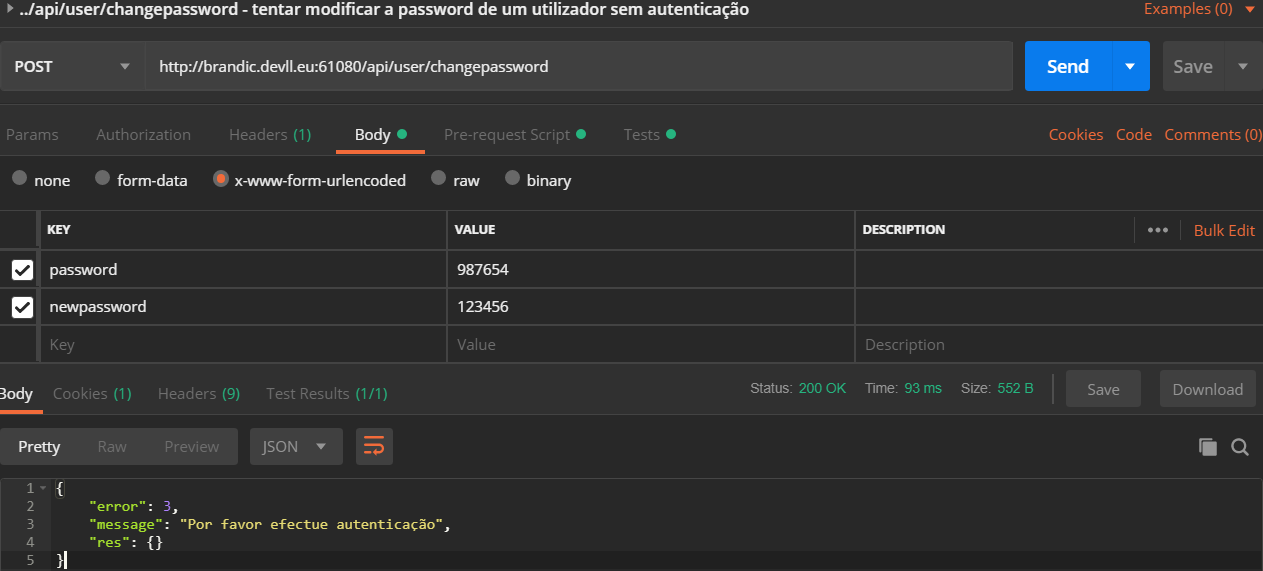


Com o Test

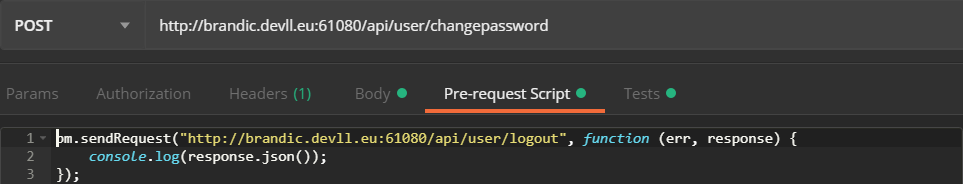


**Teste ao webservice /api/user/changepassword**

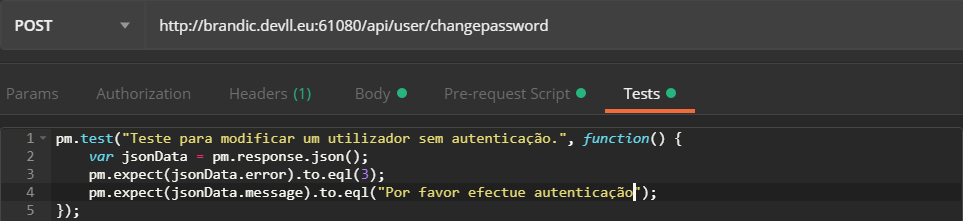
Tentar alterar a password de um utilizador sem autenticação:



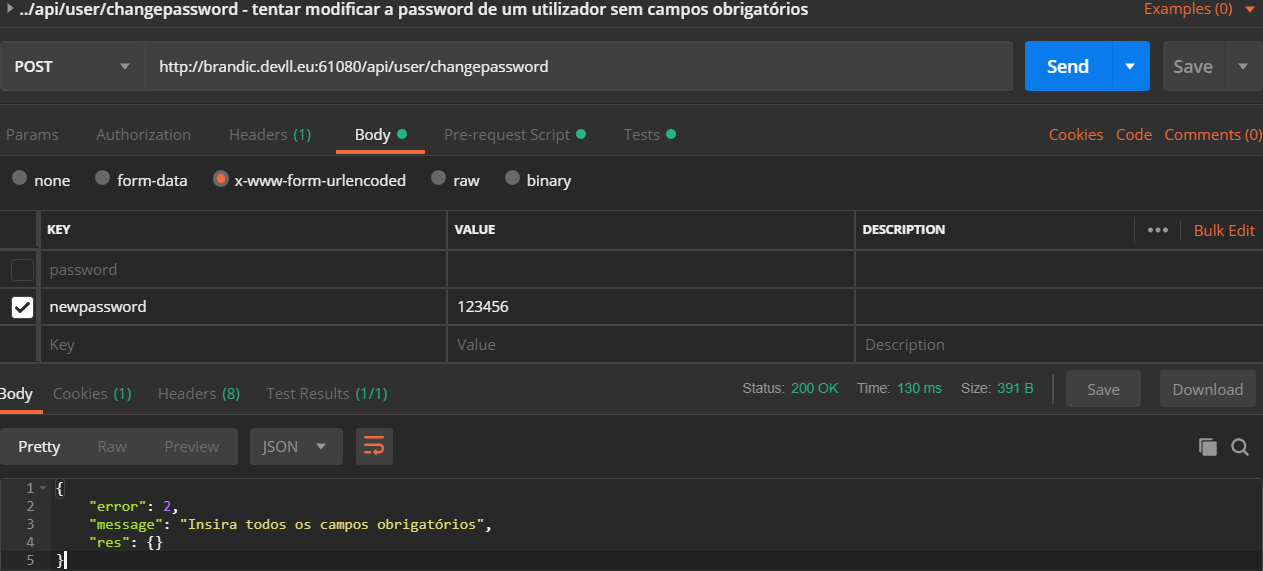
Com Pre-request Script



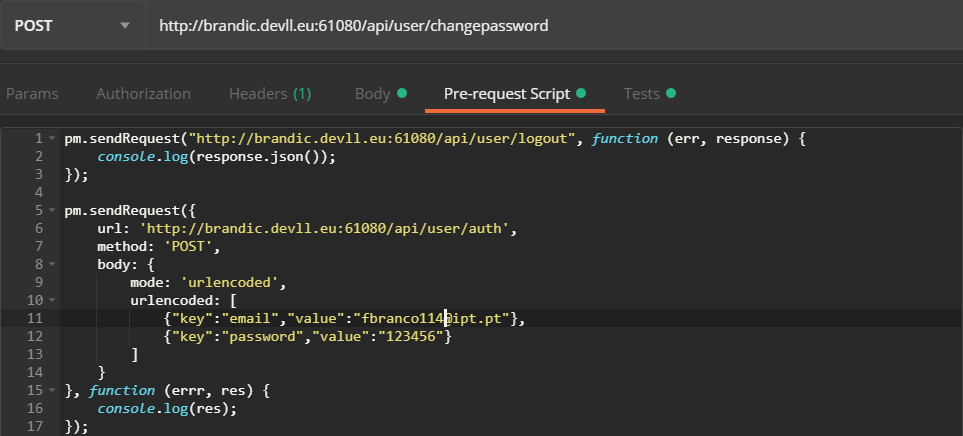
Com o Test



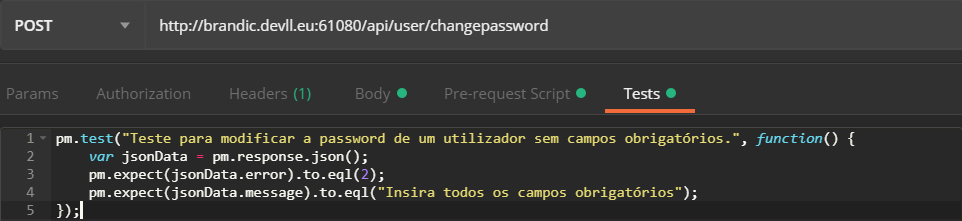
Tentar modificar a password de um utilizador sem campos obrigatórios:



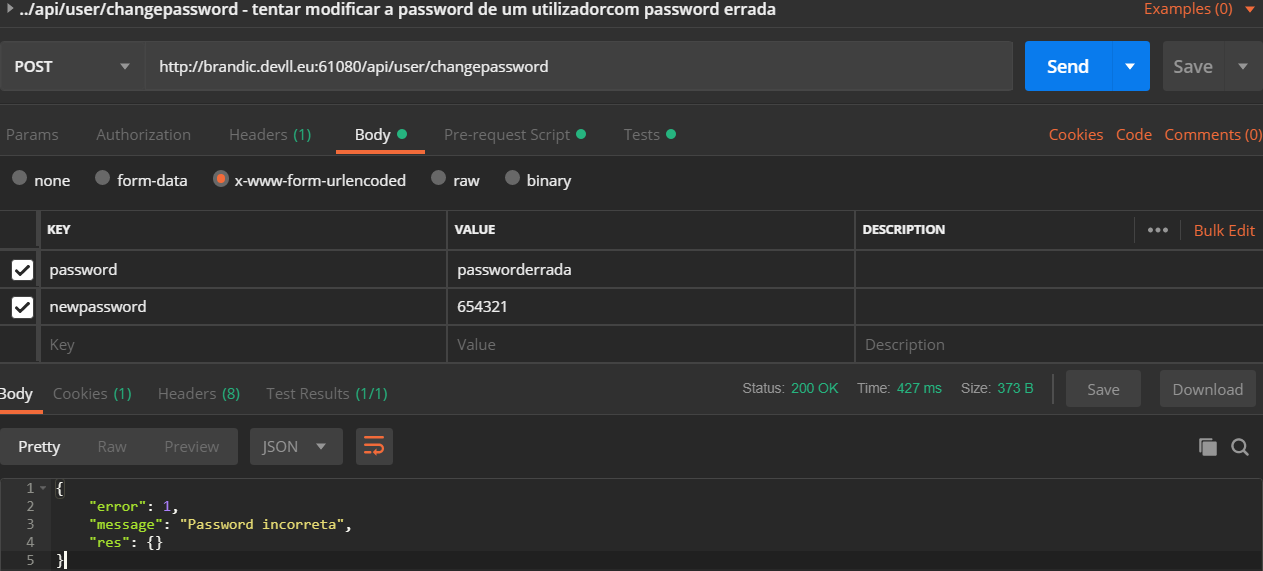
Com Pre-request Script



Com o Test



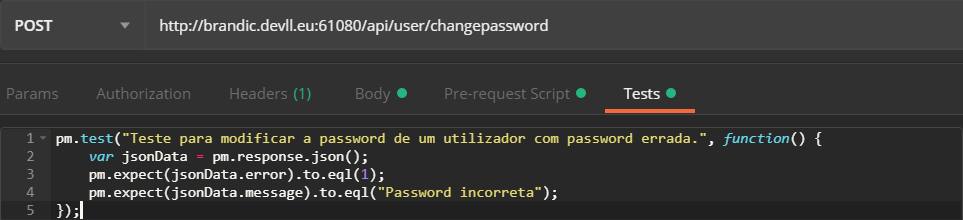
Modificar a password de um utilizador com password errada:



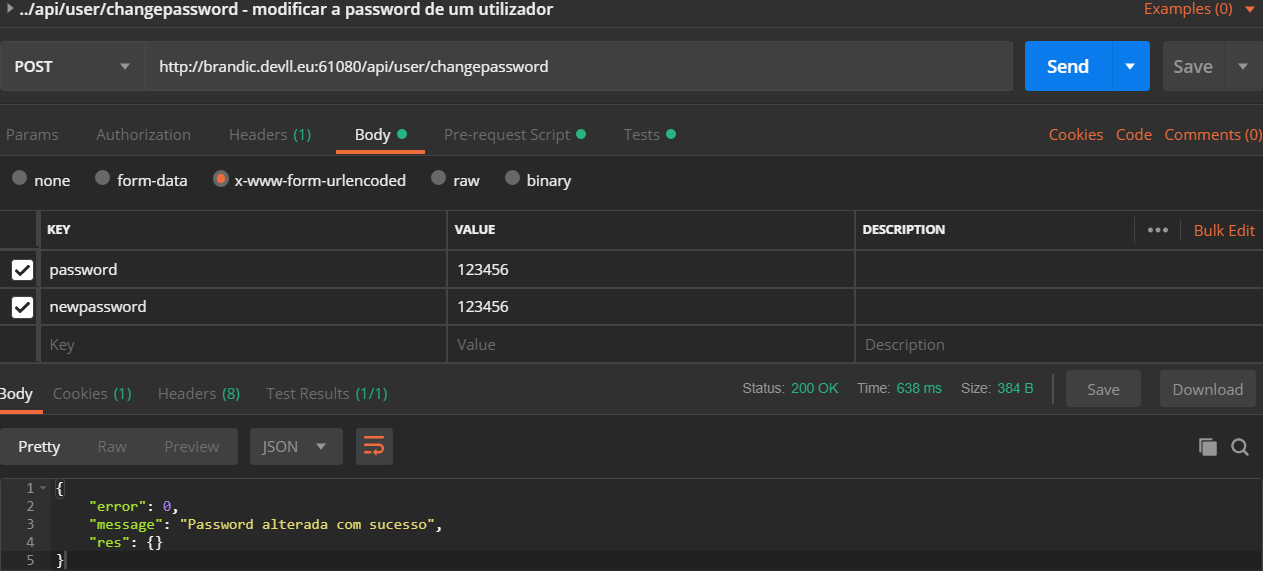
Com Pre-request Script



Com o Test



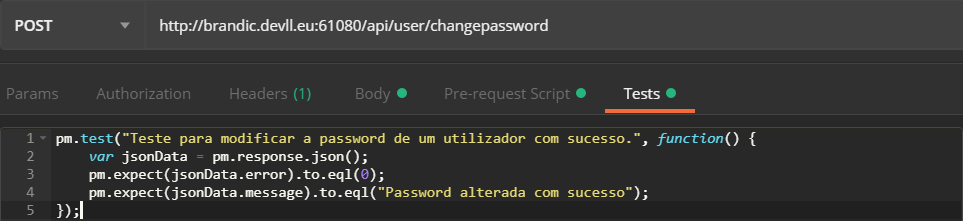
Modificar a password de um utilizador com sucesso:



Com Pre-request Script

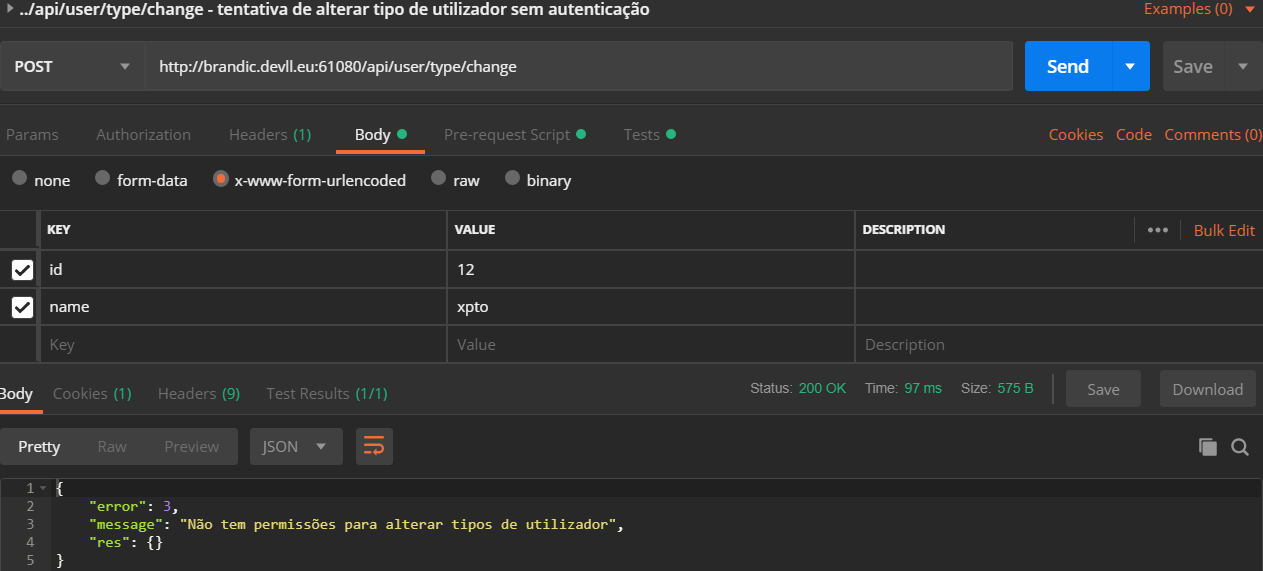


Com o Test

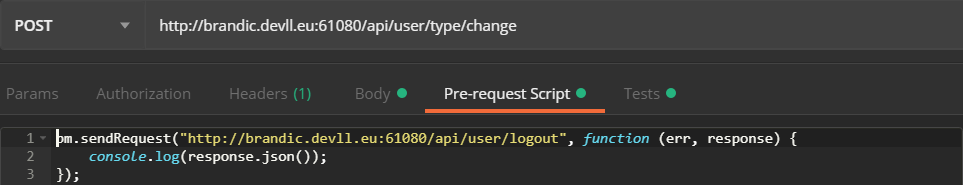


**Teste ao webservice /api/user/delete**

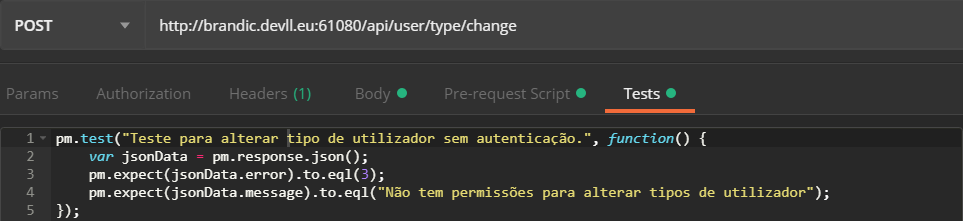
Tentar alterar tipo de utilizador sem autenticação:



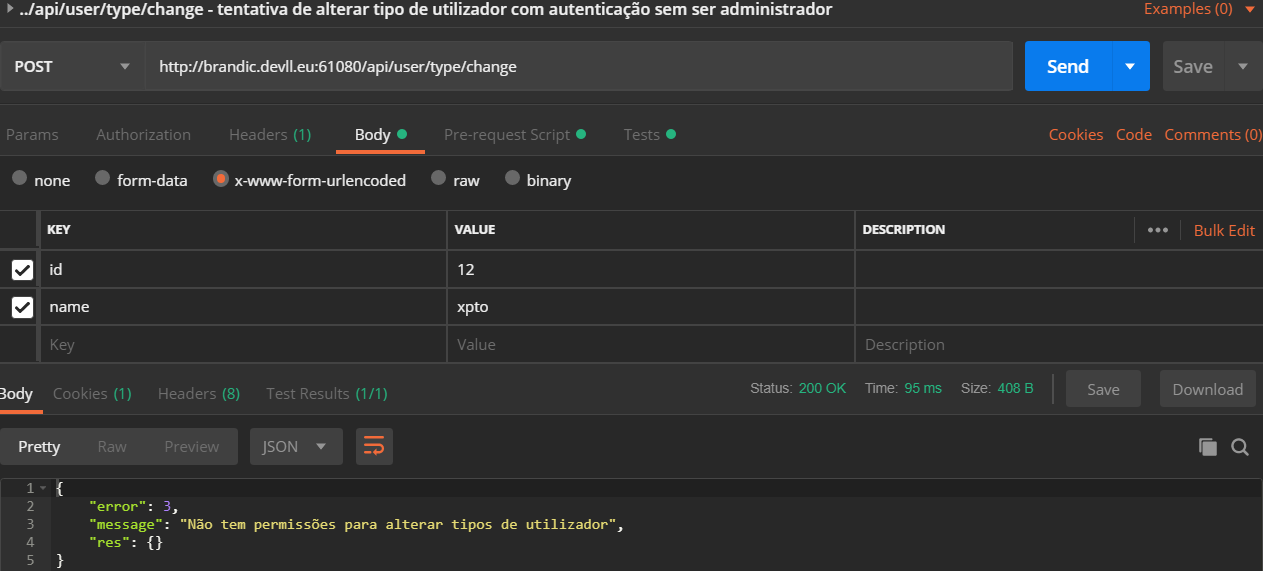
Pré



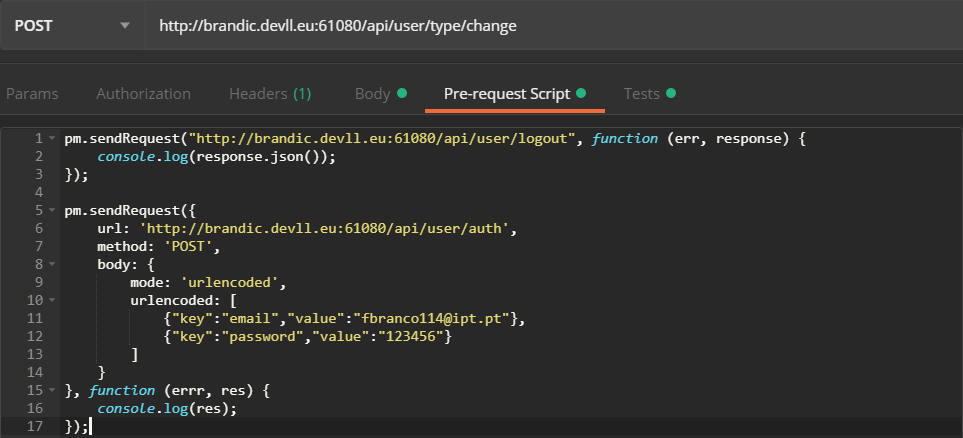
Test



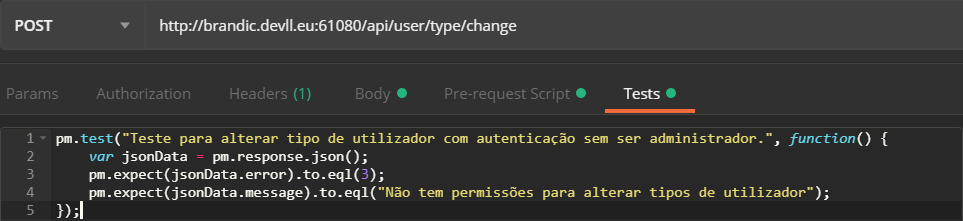
alterar tipo de utilizador com autenticação sem ser administrador:



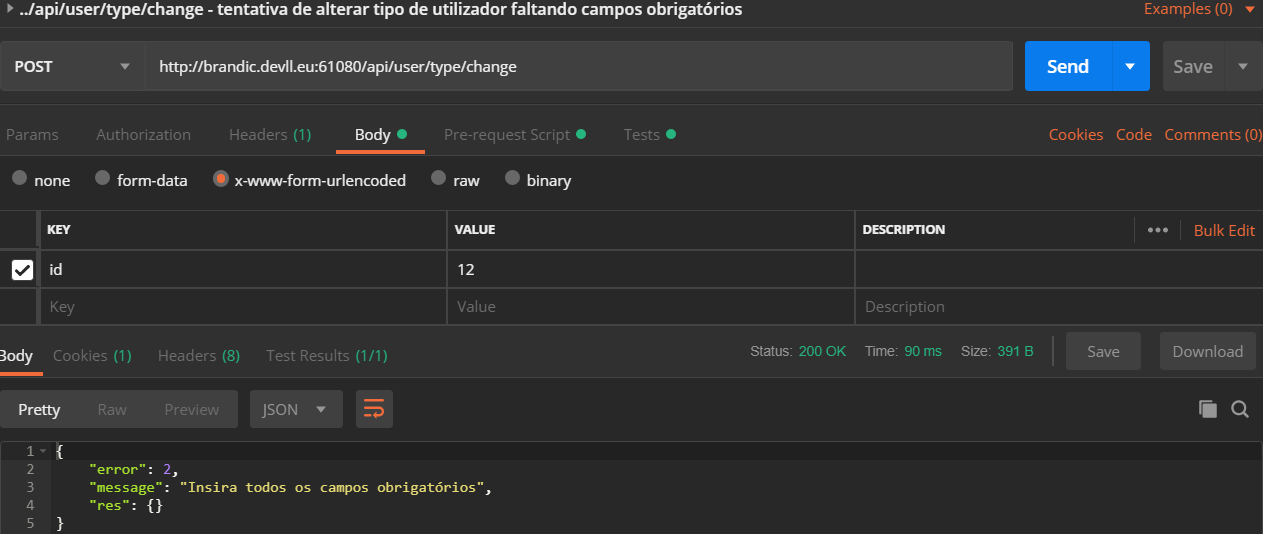
Pré



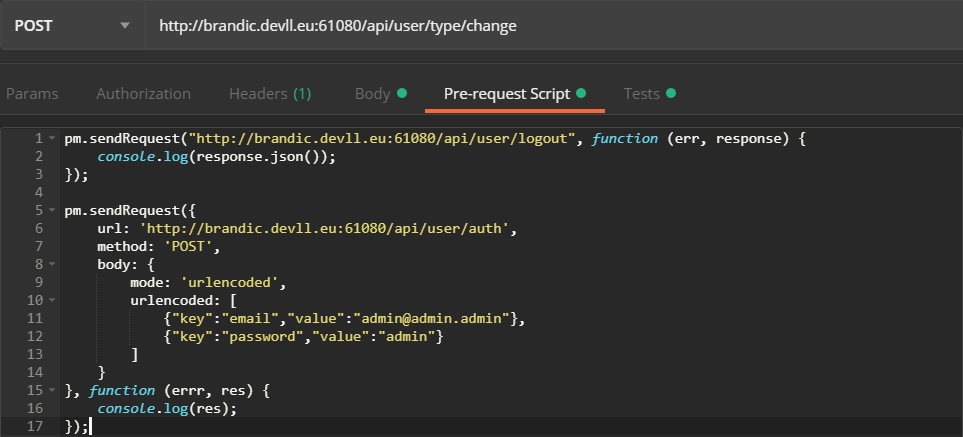
Test



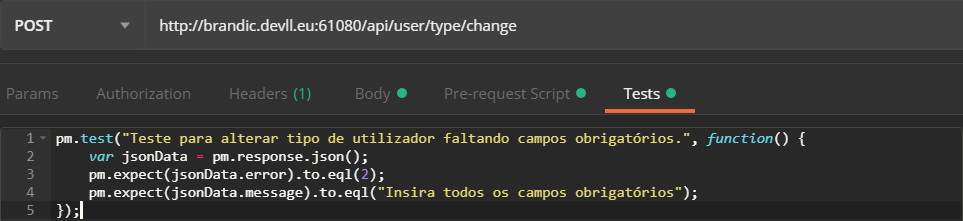
alterar tipo de utilizador faltando campos obrigatórios



Pré



Test



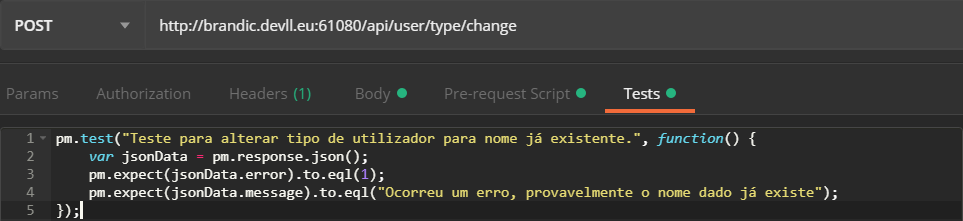
alterar tipo de utilizador para nome já existente:



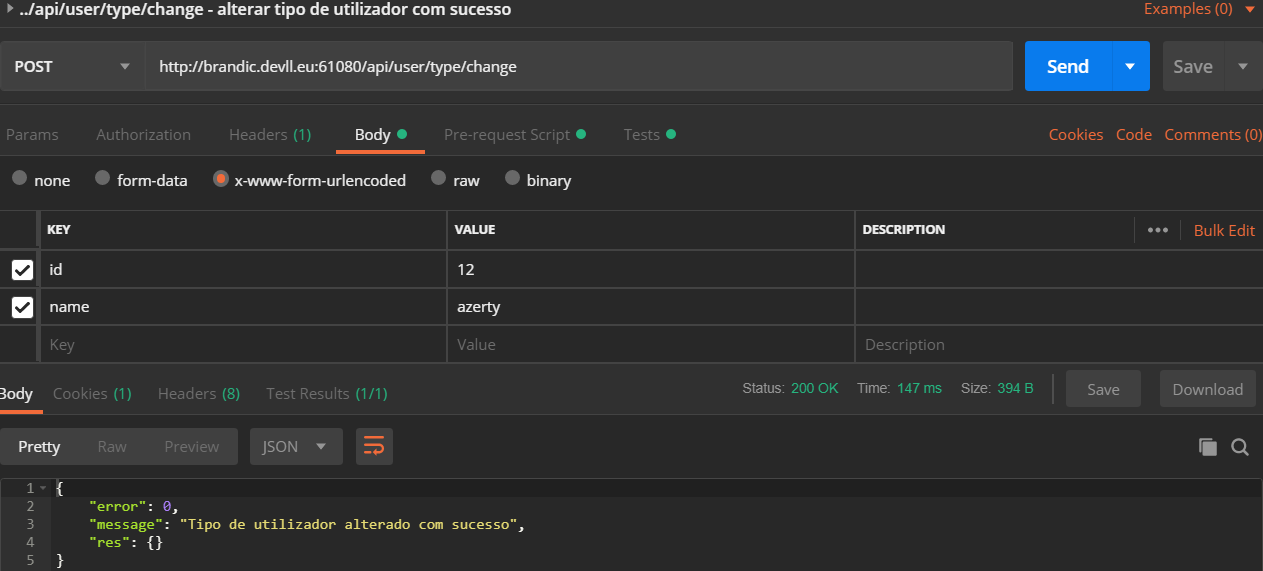
Pré



Test



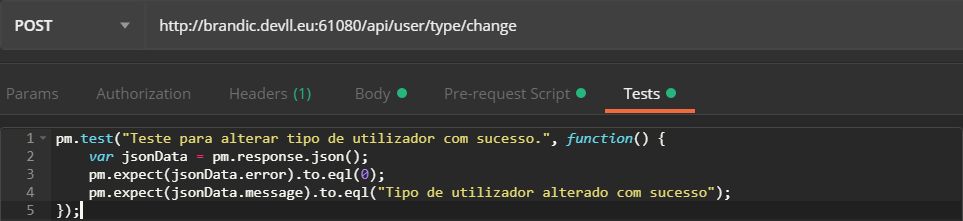
alterar tipo de utilizador com sucesso:



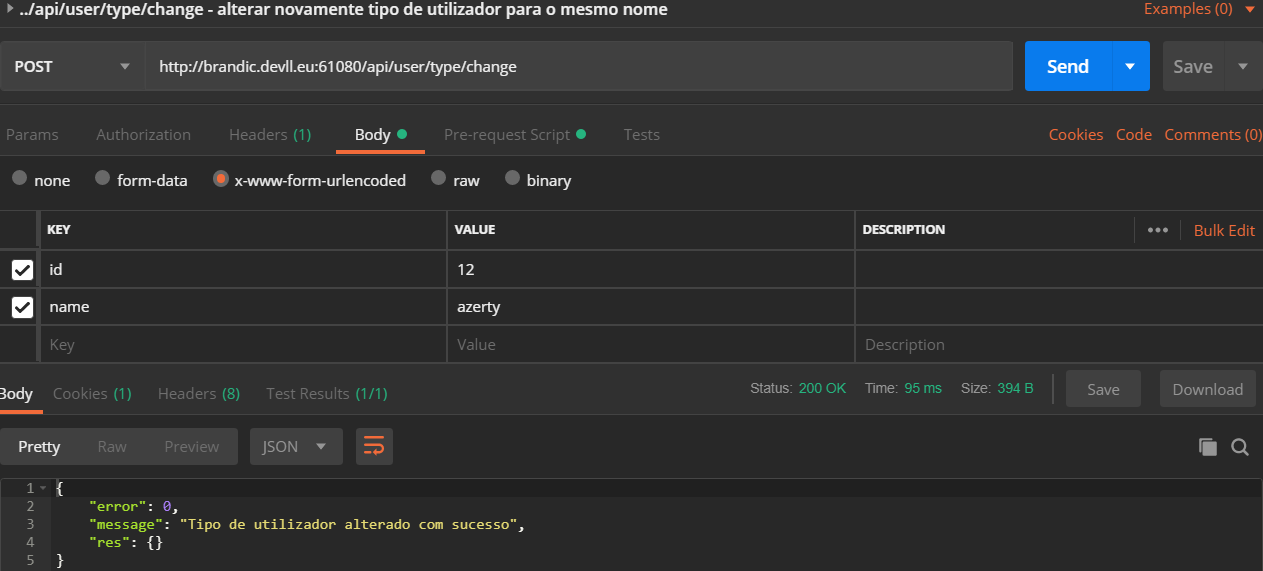
Pré



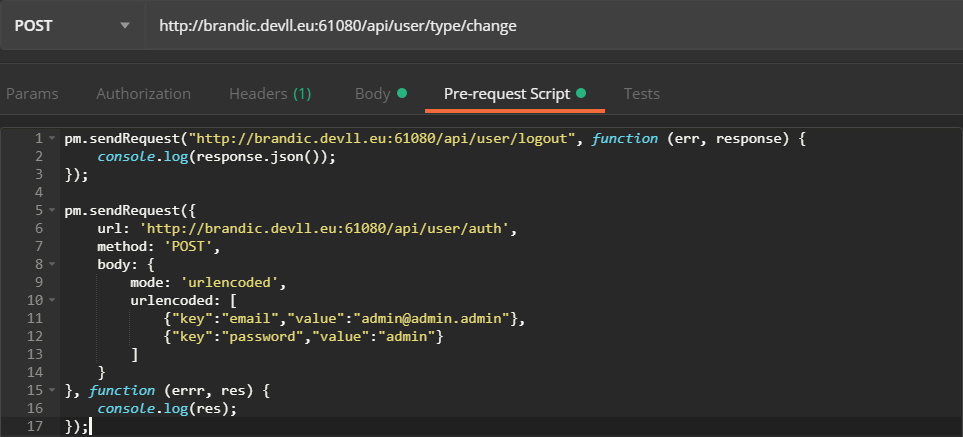
Test



alterar novamente tipo de utilizador para o mesmo nome



Pré



Aqui fez alteração com sucesso para o mesmo tipo de utilizador com o mesmo nome já existente