|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Metoda** | **Obiekt** | **Opis** | **Adres** | **Nagłówki** | **Dane** | **Wynik** |
| GET | Rola | Pobranie listy wszystkich obiektów | <https://localhost:8181/rainbow_coding-web/rc_api/roles> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <roles>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role>  <role>  <description>  test role  </description>  <id>  10  </id>  <name>  TEST1  </name>  </role>  </roles> |
| GET | Rola | Pobranie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/roles/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role> |
| POST | Rola | Dodanie nowego obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/roles> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <role>  <description>  test role  </description>  <name>  TEST  </name>  </role> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role> |
| PUT | Rola | Edycja obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/roles> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TESTEDIT  </name>  </role> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TESTEDIT  </name>  </role> |
| DELETE | Rola | Usunięcie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/roles/3> |  |  |  |
| GET | Operator | Pobranie listy wszystkich obiektów | <https://localhost:8181/rainbow_coding-web/rc_api/operators> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operators>  <operator>  <id>  3  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role>  </operator>  </operators> |
| GET | Operator | Pobranie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/operators/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <id>  3  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role>  </operator> |
| GET | Operator | Pobranie listy wszystkich obiektów powiązanych z drugim obiektem | <https://localhost:8181/rainbow_coding-web/rc_api/operators/by_role/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <id>  3  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  3  </id>  <name>  TEST  </name>  </role>  </operator> |
| POST | Operator | Dodanie nowego obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/operators> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <login>  user  </login>  <password>  pass  </password>  </operator> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <id>  3  </id>  <login>  user  </login>  <password>  pass  </password>  </operator> |
| PUT | Operator | Edycja obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/operators> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <id>  3  </id>  <login>  useredit  </login>  <password>  pass  </password>  </operator> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <operator>  <id>  3  </id>  <login>  useredit  </login>  <password>  pass  </password>  </operator> |
| DELETE | Operator | Usunięcie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/operators/3> |  |  |  |
| GET | Projekt | Pobranie listy wszystkich projektów | <https://localhost:8181/rainbow_coding-web/rc_api/projects> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <projects>  <project>  <description>  test project  </description>  <id>  1  </id>  <name>  ProJect  </name>  <operator>  <id>  1  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  1  </id>  <name>  TEST  </name>  </role>  </operator>  </project>  </projects> |
| GET | Projekt | Pobranie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/projects/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test project  </description>  <id>  1  </id>  <name>  ProJect  </name>  <operator>  <id>  1  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  1  </id>  <name>  TEST  </name>  </role>  </operator>  </project> |
| GET | Projekt | Pobranie listy wszystkich obiektów powiązanych z drugim obiektem | <https://localhost:8181/rainbow_coding-web/rc_api/projects/by_operator/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test project  </description>  <id>  1  </id>  <name>  ProJect  </name>  <operator>  <id>  1  </id>  <login>  user  </login>  <password>  pass  </password>  <role>  <description>  test role  </description>  <id>  1  </id>  <name>  TEST  </name>  </role>  </operator>  </project> |
| POST | Projekt | Dodanie nowego obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/projects> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test projectt  </description>  <name>  ProJectt  </name>  </project> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test projectt  </description>  <id>  2  </id>  <name>  ProJectt  </name>  </project> |
| PUT | Projekt | Edycja obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/projects> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test project  </description>  <id>  2  </id>  <name>  ProJectEdit  </name>  </project> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <project>  <description>  test project  </description>  <id>  2  </id>  <name>  ProJectEdit  </name>  </project> |
| DELETE | Projekt | Usunięcie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/projects/3> |  |  |  |
| GET | Język | Pobranie listy wszystkich obiektów | <https://localhost:8181/rainbow_coding-web/rc_api/languages> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <languages>  <language>  <description>  test language  </description>  <id>  1  </id>  <name>  Yava  </name>  </language>  </languages> |
| GET | Język | Pobranie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/languages/3> |  |  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <language>  <description>  test language  </description>  <id>  1  </id>  <name>  Yava  </name>  </language> |
| POST | Język | Dodanie nowego obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/languages> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <language>  <description>  test languagee  </description>  <name>  Yavaa  </name>  </language> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <language>  <description>  test languagee  </description>  <id>  1  </id>  <name>  Yavaa  </name>  </language> |
| PUT | Język | Edycja obiektu | <https://localhost:8181/rainbow_coding-web/rc_api/languages> | Content-type: application/xml; | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <language>  <description>  test languagee  </description>  <id>  1  </id>  <name>  YavaaEdit  </name>  </language> | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>  <language>  <description>  test languagee  </description>  <id>  1  </id>  <name>  YavaaEdit  </name>  </language> |
| DELETE | Język | Usunięcie obiektu o wskazanym ID | <https://localhost:8181/rainbow_coding-web/rc_api/languages/3> |  |  |  |

Dla pozostałych obiektów analogicznie jak wyżej. W każdym wypadku serwer powinien zwrócić 200 OK.