# Dependency scanning using Rocket EA API’s

The first call is to get the unique ID for the program

With the name of the program (see in bold in the request) extended with the ***.cbl*** extension run the below API call :

*curl -X 'GET' \*

*'http://10.190.226.42:1248/api/workspaces/BankingDemoWS/ObjectByPath?path=C%3A%5CUsers%5CAdministrator.GRT-EA-WDC2%5CDownloads%5CRocket%20EA%5CBanking\_Demo\_Sources%5Ccobol%5C****SBANK00P****.cbl' \*

*-H 'accept: application/json'*

From the Response (see sample response below) we use the **“id”** for the next API call

**{**

**"id": "COBOL|37",**

**"name": "SBANK00P.cbl",**

**"fullName": "C:\\Users\\Administrator.GRT-EA-WDC2\\Downloads\\Rocket EA\\Banking\_Demo\_Sources\\cobol\\SBANK00P.cbl",**

**"type": "COBOL File",**

With the unique ID of the program (COBOL|37 in this example) run the below API call to get a list of all the dependencies :

*curl -X 'GET' \*

*'http://10.190.226.42:1248/api/workspaces/BankingDemoWS/ObjectDirectRelationship?id=COBOL%7C37' \*

*-H 'accept: application/json'*

The Response looks for this example like this, the **“name”** shows all the dependencies of the selected program.

[

{

"id": "PROGRAM|31",

"type": "PROGRAM",

"name": "SBANK00P",

"relation": "Defines Program"

},

{

"id": "COPYBOOK|1",

"type": "COPYBOOK",

"name": "CABENDD.cpy",

"relation": "Includes Copybook File"

},

{

"id": "COPYBOOK|16",

"type": "COPYBOOK",

"name": "CBANKDAT.cpy",

"relation": "Includes Copybook File"

},

{

"id": "COPYBOOK|17",

"type": "COPYBOOK",

"name": "CBANKEXT.cpy",

"relation": "Includes Copybook File"

},

{

"id": "COPYBOOK|84",

"type": "COPYBOOK",

"name": "DFHAID.CPY",

"relation": "Includes Copybook File"

},

{

"id": "COPYBOOK|85",

"type": "COPYBOOK",

"name": "DFHBMSCA.CPY",

"relation": "Includes Copybook File"

}

]