

Strategy: DOCUMENTS_BY_FORMULA

Use this strategy to get documents from the database by specified formula.

Allowed method

- GET

Parameters:

- `databaseName(String databaseName)`: name of the database to read data from, use "server!!path/database.nsf" format; when omitted, current database is used
- `selectQuery(String query)`: selection formula to apply to the database; mandatory. This is exactly the same you would write as view selection formula in Notes.

```
router.GET('topics/cat1cat2') {
  strategy(DOCUMENTS_BY_FORMULA) {
    selectQuery('SELECT Form="\MainTopic\" & @Contains(Categories;\\"
category1\":"category2\")')
  }
  mapJson 'id', json:'id', type:'STRING', isformula:true,
formula:'@DocumentUniqueID'
  mapJson 'date_created', json:'date_created', type:'DATETIME', isformula:
true, formula:'@Created'
  mapJson 'topic', json:'topic', type:'STRING'
  mapJson 'author', json:'author', type:'STRING', isformula:true,
formula:'@Name([CN]; @Author)'
  mapJson 'categories', json:'categories', type:'ARRAY_OF_STRING'
}
```

With route defined above, URL `http://server.name/path-to/db.nsf/xsp/.xrest/topics/cat1cat2` will return all documents from database, that match the selection formula.

Returned JSON will contain an array of such documents:

```
[
  {
    "date_created": "2017-03-03T18:28+00:00",
    "author": "Martin Jinoch",
    "id": "54502859C07299C7C12580D8006404F4",
    "categories": [
      "category1"
    ]
  },
  {
    "date_created": "2017-03-03T18:28+00:00",
    "author": "Martin Jinoch",
    "id": "DCEFCAE41C0C9815C12580E0004BD296",
    "categories": [
      "category1",
      "category2"
    ]
  }
]
```

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