

Strategy: DOCUMENTS_FROM_VIEW_BY_KEY_PAGED

Use this strategy to get documents from the view by key. The view will be searched by the first sorted column.

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
- `viewName(String viewName)`: name of the view; mandatory
- `keyVariableName(String keyVariableName)`: name of the variable name in route to read key from; mandatory
- `mode("exact")`: when present, sets strict key matching. Uses `view.getAllDocumentsByKey(key, true)`. If this parameter is omitted, uses `view.getAllDocumentsByKey(key, false)` - default

Let's assume our database has view called (`ByTopic`), that contains first sorted column displaying `Topic` field.

Notice the `{filterValue}` part of the first line bellow. This is placeholder for where SmartNSF expects to read parameter value for `keyVariableName` from, see line 4.

```
router.GET('topics/filter/{filterValue}') {
  strategy(DOCUMENTS_FROM_VIEW_BY_KEY) {
    viewName('ByTopic')
    keyVariableName('filterValue')
  }
  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)'
}
```

URL parameters:

- `count`: number of records to return, default is 10
- `start`: position in the view to start from, default value is 1

With route defined above, URL `http://server.name/path-to/db.nsf/xsp/.xrest/topics/filter/test` will return all documents from view (`ByTopic`) with field `Topic` starting with "test". If `mode('exact')` was specified, it would return just those document with `Topic` "test".

For example, if only one document matches this filter, we'll get this JSON:

```
{
  "entries": [
    {
      "date_created": "2017-03-03T18:28+00:00",
      "author": "Martin Jinoch",
      "id": "54502859C07299C7C12580D8006404F4",
      "topic": "test"
    }
  ],
  "start": 1,
  "total": 1,
  "count": 1
}
```

Related articles

- [Strategy: CUSTOM](#)
- [Strategy: DOCUMENT_BY_UNID](#)
- [Strategy: DOCUMENT_FROM_VIEW_BY_KEY](#)
- [Strategy: DOCUMENTS_BY_FORMULA](#)
- [Strategy: DOCUMENTS_BY_FORMULA_PAGED](#)
- [Strategy: DOCUMENTS_BY_SEARCH_FT](#)
- [Strategy: DOCUMENTS_BY_SEARCH_FT_PAGED](#)
- [Strategy: DOCUMENTS_BY_VIEW](#)
- [Strategy: DOCUMENTS_BY_VIEW_PAGED](#)
- [Strategy: DOCUMENTS_FROM_VIEW_BY_KEY](#)
- [Strategy: DOCUMENTS_FROM_VIEW_BY_KEY_PAGED](#)
- [Strategy: VIEWENTRIES](#)
- [Strategy: VIEWENTRIES_BY_CATEGORY](#)
- [Strategy: VIEWENTRIES_BY_CATEGORY_PAGED](#)
- [Strategy: VIEWENTRIES_PAGED](#)