

# OMEKA

Presentation for changes in omeka api

Main goal : extend omeka search api

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# OMEKA SEARCH API

How to use :

domainname/omeka/api/search/searchvalue

Returns in json format the results

- Searches for match in titles, descriptions and record types
- Partial Matching

And now let`s see the main changes...

# OMEKA SEARCH API

## SearchController.php :

```
public function getAction() {  
    // Respect only GET parameters when browsing.  
    $this->getRequest()->setParamSources(array('_GET'));  
    // Inflect the record type from the model name.  
    $pluralName = $this->view->pluralize($this->_helper->db->getDefaultModelName());  
    // Apply contrller-provided default sort parameters  
    if (!$this->_getParam('sort_field')) {  
        $defaultSort = apply_filters("{ $pluralName }_browse_default_sort",  
            null ,  
            array('params' => $this->getAllParams())  
        );  
        if (is_array($defaultSort) && isset($defaultSort[0])) {  
            $this->setParam('sort_field', $defaultSort[0]);  
            if (isset($defaultSort[1])) {  
                $this->setParam('sort_dir', $defaultSort[1]);  
            }  
        }  
    }  
    $params = $this->getAllParams();  
    $records = $this->_helper->db->findBy($params, null, null, TRUE);  
    $totalRecords = $this->_helper->db->count($params);  
    $this->view->assign(array($pluralName => $records, 'total_results' => $totalRecords));  
    $this->_helper->jsonApi($records);  
}
```

File Location :

omeka/application/controllers/api/SearchController.php

# OMEKA SEARCH API

We need to register our SearchController  
In apiResources array

Api.php :

```
'search' => array(  
    'record_type' => 'Search',  
    'actions' => array('get'),  
    'controller' => 'search',  
),
```

File Location :

omeka/application/libraries/Omeka/Controller/Plugin/Api.php

# OMEKA SEARCH API

## Addition of methods in Table.php :

```
public function applySearchApiFilters($select, $params) { }
```

```
public function getSelectForFindBy($params = array(), $apiCall=null) { }
```

```
public function findBy($params = array(), $limit = null, $page = null, $apiCall = null) { }
```

File Location :

omeka/application/libraries/Omeka/Db/Table.php

# OMEKA SEARCH API

And of course a lot of testing

Thank you for watching