

Sort Clauses Reference

Sort Clauses are the *sorting options* for Content and Location Search in eZ Platform. For generic use of API Search see [Search Criteria and Sort Clauses](#).

A Sort Clause consists of two parts just like Criterion and FacetBuilder:

- The API Value: `SortClause`
- Specific handler per search engine: `SortClausesHandler`

The `SortClause` represents the value you use in the API, while `SortClauseHandler` deals with the business logic in the background, translating the value to something the Search engine can understand.

Implementation and availability of a handler sometimes depends on search engine capabilities and limitations.

In this topic:

- [Common concepts for all Sort Clauses](#)
- [List of Sort Clauses](#)

Common concepts for all Sort Clauses

For how to use each and every Sort Clause, see list below as it depends on the Sort Clause Value constructor, but *in general* you should be aware of the following common concept:

- `sortDirection`: The direction to perform the sort, either `Query::SORT_ASC` (default) or `Query::SORT_DESC`

V1.6.0

You can use the method `SearchService::getSortClauseFromLocation(Location $location)` to return an array of Sort Clauses that you can use on `LocationQuery->sortClauses`.

List of Sort Clauses

The list below reflects Sort Clauses available in the `eZ\Publish\API\Repository\Values\Content\Query\SortClause` namespace (it is also possible to make a custom Sort Clause):

Arguments starting with "?" are optional.

Only for LocationSearch

Sort Clause	Constructor arguments description
<code>Location\Depth</code>	? <code>sortDirection</code>
<code>Location\Id</code>	? <code>sortDirection</code>
<code>Location\IsMainLocation</code>	? <code>sortDirection</code>
<code>Location\Depth</code>	? <code>sortDirection</code>
<code>Location\Priority</code>	? <code>sortDirection</code>
<code>Location\Visibility</code>	? <code>sortDirection</code>

Common

Sort Clause	Constructor arguments description
ContentId	?sortDirection
ContentName	?sortDirection
DateModified	?sortDirection
DatePublished	?sortDirection
Field	typeIdentifier as string, fieldIdentifier as string, ?sortDirection, ?languageCode as string
MapLocationDistance	typeIdentifier as string , fieldIdentifier as string , latitude a s float , longitude as float, ? sortDirec tion, ?languageCode as string
SectionIdentifier	?sortDirection
SectionName	?sortDirection