

# How to add an ORDER BY clause using CodeIgniter's Active Record methods?

Asked 11 years, 5 months ago Modified 1 year, 10 months ago Viewed 361k times

▲ I have a very small script to get all records from a database table, the code is below.

64

```
$query = $this->db->get($this->table_name);
return $query->result();
```

★ Using this syntax, how would I add a ORDER BY 'name' clause to my select query?

14

🕒 I get errors every time I stick the order by bit on the end.

php codeigniter select activerecord sql-order-by

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edited Jun 28, 2020 at 3:44

asked Mar 16, 2011 at 2:29



mickmackusa

38.6k 11 76 109



Cecil

1,599 5 20 26

5 Answers

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▲ I believe the `get()` function immediately runs the select query and does not accept ORDER BY conditions as parameters. I think you'll need to separately declare the conditions, then run the query. Give this a try:

150



```
$this->db->from($this->table_name);
$this->db->order_by("name", "asc");
$query = $this->db->get();
return $query->result();
```



[CodeIgniter Documentation order\\_by\(\)](#)

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edited Jun 28, 2020 at 3:39

answered Mar 16, 2011 at 2:51



mickmackusa

38.6k 11 76 109



Ted Avery

5,591 3 29 29

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19

```
$this->db->from($this->table_name);
$this->db->order_by("column1 asc,column2 desc");
$query = $this->db->get();
return $query->result();
```



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answered Jun 20, 2016 at 11:17



Naresh Kumar

794 7 25

This is the correct answer to a different question. Ted already adequately answered the question asked back in 2011. – [mickmackusa](#) Jun 28, 2020 at 3:40

Simple and easy:

4

```
$this->db->order_by("name", "asc");
$query = $this->db->get($this->table_name);
return $query->result();
```



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answered Jun 16, 2015 at 13:33



VBMali

1,324 3 17 44

Yes, this is "*simple and easy*". Probably as simple as reading the top-voted and accepted answer on this page which was posted back in 2011. Please 1. never post code-only answers and 2. only post an answer if you have something unique and valuable to add to the page. – [mickmackusa](#) Jun 28, 2020 at 3:35

Just add the 'order\_by' clause to your code and modify it to look just like the one below.

2

```
$this->db->order_by('name', 'asc');
$result = $this->db->get($table);
```



There you go.

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edited Aug 23, 2019 at 8:41

answered Jan 18, 2016 at 14:13



Obi Dennis Chizolu

108 1 1 8

where must come before order\_by – [Sani Kamal](#) Aug 23, 2019 at 8:33

@SaniKamal Yes, in sql, WHERE must come before ORDER BY, but when making Active Record method calls, CodeIgniter will automatically organize the rendered query clauses in the correct order. – [mickmackusa](#) Jun

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on this page. Therefore, this answer provides no new value to the page. Please only post new answers on Stack Overflow when you have something unique and valuable to express regarding the question asked.

– mickmackusa Jun 28, 2020 at 3:32

▲  
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▼  
🕒

```
function getProductionGroupItems($itemId){
    $this->db->select("*");
    $this->db->where("id",$itemId);
    $this->db->or_where("parent_item_id",$itemId);


    /***** order by *****/
    $this->db->order_by("id", "asc");

    $q=$this->db->get("recipe_products");
    if($q->num_rows()>0){
        foreach($q->result() as $row){
            $data[]=$row;
        }
        return $data;
    }
    return false;
}
```

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answered Oct 6, 2020 at 8:36

 vijayabalan  
91 1 3

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