

Query Config

Declarative Query Configuration

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The `QueryConfig` class provides a configuration-based alternative to the fluent builder API. It is covered in detail in the [Query Builder](#) page, under the **Declarative Query Configuration** section.

Quick Reference

```
use Derafu\Query\Config\QueryConfig;

// From an array.
$config = new QueryConfig([
    'table'    => 'products',
    'select'   => 'id, name, price',
    'where'    => 'category?=electronics',
    'orderBy'  => ['price' => 'DESC'],
    'limit'    => 10,
]);
$result = $config->applyTo($queryBuilder)->execute();

// From a YAML file.
$config = QueryConfig::fromYamlFile('queries/product_report.yaml');

// From a JSON file.
$config = QueryConfig::fromJsonFile('queries/sales.json');

// Auto-detect format by extension.
$config = QueryConfig::fromFile('queries/report.yaml');
```

Supported Configuration Keys

Key	Description
<code>table</code>	Table name (FROM clause)
<code>alias</code>	Table alias
<code>select</code>	Columns to select
<code>distinct</code>	<code>true</code> to add DISTINCT

Key	Description
where	WHERE condition(s)
andWhere	Additional AND condition(s)
orWhere	OR condition(s)
andWhereOr	AND with nested OR groups
innerJoin	{table, condition, alias?}
leftJoin	{table, condition, alias?}
rightJoin	{table, condition, alias?}
crossJoin	{table, alias?}
groupBy	GROUP BY column(s)
having	HAVING condition(s)
orderBy	{column: direction} pairs
limit	Max rows to return
offset	Rows to skip

For full documentation, examples, and API-driven query patterns, see [Query Builder → Declarative Query Configuration](#).

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