

what uses of PDO::ATTR_CURSOR, PDO::CURSOR_FWDONLY etc

PDO::ATTR_CURSOR is an attribute that you can use when preparing a statement with PDO to specify the cursor type, while PDO::CURSOR_FWDONLY is an option for PDO::ATTR_CURSOR that provides a non-scrollable, forward-only cursor^[1] ^[2].

- **PDO::ATTR_CURSOR** This attribute selects the cursor type and accepts either PDO::CURSOR_FWDONLY or PDO::CURSOR_SCROLL^[2]. The default is PDO::CURSOR_FWDONLY^[1].
- **PDO::CURSOR_FWDONLY** This is the default cursor type. It is a non-scrollable, forward-only cursor^[1]. With this cursor, each call to PDOStatement::fetch() will return the next row in the result set^[3].
- **PDO::CURSOR_SCROLL** This is an alternative to PDO::CURSOR_FWDONLY that creates a scrollable cursor^[1] ^[2]. If you use PDO::CURSOR_SCROLL, you can also use PDO::SQLSRV_ATTR_CURSOR_SCROLL_TYPE to set the type of scrollable cursor^[1].

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1. <https://learn.microsoft.com/en-us/sql/connect/php/pdo-prepare?view=sql-server-ver16>
2. <https://www.php.net/manual/en/pdo.constants.php>
3. <https://stackoverflow.com/questions/1782650/php-injection-protection-using-prepared-statements>