In PHP, dynamic variables are variables whose names are determined at runtime rather than being hardcoded into the code. This allows for more flexible and dynamic code that can adapt to changing circumstances.

Dynamic variables are created by combining a string with the variable operator ($). The resulting string is then evaluated as a variable name at runtime using the ${} syntax.

For example:

```
$name = "John";
$varname = "name";

echo ${$varname}; // Outputs "John"
```

In this example, the value of $varname is used as the variable name to retrieve the value of $name. The expression ${$varname} is evaluated as $name, which has the value “John”.

Dynamic variables can also be used to create new variables at runtime.

For example:

```
$varname = "age";
$$varname = 30;

echo $age; // Outputs 30
```

In this example, the variable $age is created dynamically by using the value of $varname as

the variable name. The expression $$varname is evaluated as $age, which is assigned the value of 30.

Dynamic variables can be a powerful tool for creating flexible and dynamic code in PHP. However, they can also make code harder to read and maintain if used excessively or improperly. It’s important to use dynamic variables judiciously and to document their use clearly in your code.

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