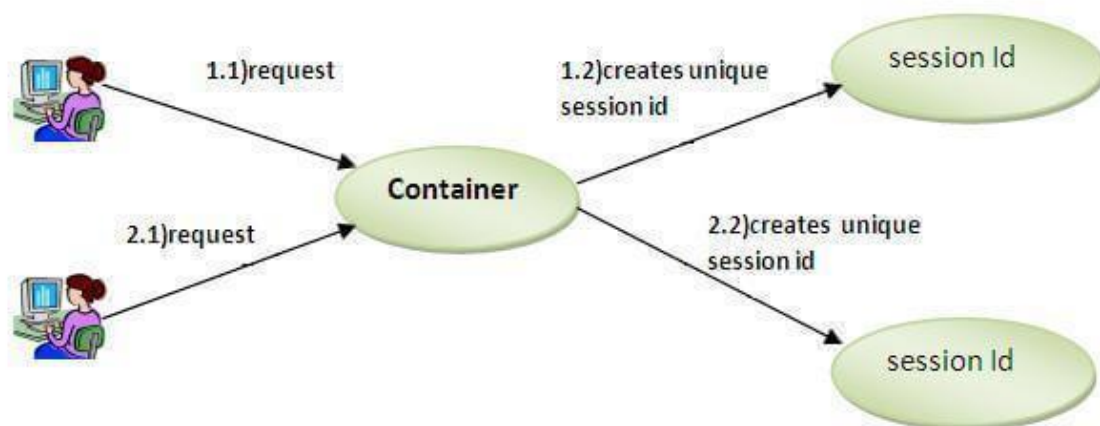


PHP Session

PHP session is used to store and pass information from one page to another temporarily (until user close the website).

PHP session technique is widely used in shopping websites where we need to store and pass cart information e.g. username, product code, product name, product price etc from one page to another.

PHP session creates unique user id for each browser to recognize the user and avoid conflict between multiple browsers.



PHP session_start() function

PHP session_start() function is used to start the session. It starts a new or resumes existing session. It returns existing session if session is created already. If session is not available, it creates and returns new session.

Syntax

1. `bool session_start (void)`

Example

1. `session_start();`

PHP \$_SESSION

PHP \$_SESSION is an associative array that contains all session variables. It is used to set and get session variable values.

Example: Store information

```
1. $_SESSION["user"] = "Sachin";
```

Example: Get information

```
1. echo $_SESSION["user"];
```

PHP Session Example

File: session1.php

```
1. <?php
2. session_start();
3. ?>
4. <html>
5. <body>
6. <?php
7. $_SESSION["user"] = "Sachin";
8. echo "Session information are set successfully.<br/>";
9. ?>
10. <a href="session2.php">Visit next page</a>
11. </body>
12. </html>
```

File: session2.php

```
1. <?php
2. session_start();
3. ?>
4. <html>
5. <body>
6. <?php
7. echo "User is: ".$_SESSION["user"];
8. ?>
9. </body>
10. </html>
```

PHP Session Counter Example

File: sessioncounter.php

```

1. <?php
2.     session_start();
3.
4.     if (!isset($_SESSION['counter'])) {
5.         $_SESSION['counter'] = 1;
6.     } else {
7.         $_SESSION['counter']++;
8.     }
9.     echo ("Page Views: " . $_SESSION['counter']);
10. ?>

```

PHP Destroying Session

PHP `session_destroy()` function is used to destroy all session variables completely.

File: session3.php

```

1. <?php
2.     session_start();
3.     session_destroy();
4. ?>

```

Generating image in PHP

PHP | `imagecreate()` Function

The **`imagecreate()`** function is an inbuilt function in PHP which is used to create a new image. This function returns the blank image of given size. In general **`imagecreatetruecolor()`** function is used instead of **`imagecreate()`** function because **`imagecreatetruecolor()`** function creates high quality images.

Syntax:

```
imagecreate( $width, $height )
```

Parameters: This function accepts two parameters as mentioned above and described below:

- **\$width:** It is mandatory parameter which is used to specify the image width.

- **\$height:** It is mandatory parameter which is used to specify the image height.

Return Value: This function returns an image resource identifier on success, FALSE on errors.

Below programs illustrate the **imagecreate()** function in PHP:

Program 1:

```
<?php

// Create the size of image or blank image
$image= imagecreate(500, 300);

// Set the background color of image
$background_color= imagecolorallocate($image, 0, 153, 0);

// Set the text color of image
$text_color= imagecolorallocate($image, 255, 255, 255);

// Function to create image which contains string.
imagestring($image, 5, 180, 100, "GeeksforGeeks", $text_color);
imagestring($image, 3, 160, 120, "A computer science portal", $text_color);

header("Content-Type: image/png");

imagepng($image);
imagedestroy($image);

?>
```

Output:

