

WEB 2

L2INFO - PART 3

PHP IS A WEB TECHNOLOGY

ACCES TO HTTP DATA

- `$_GET`
- `$_POST`
- `$_COOKIE`

```
$_SERVER['REQUEST_METHOD'] // GET ou POST
```

ERROR_REPORTING

GET & POST ARE ARRAYS

```
$name = $_GET['username'];  
$lastName = $_POST['lastname'];
```

COOKIES ARE A MIX

```
// Read via array
$username = $_COOKIE['username'];

// Set via function
set_cookie('username', 'michiël');
```

SESSIONS

Session is a mix of cookies and server-side storage

```
// Required to use session
session_start();

// Set and get data to session
$_SESSION['username'] = 'michiël';
$name = $_SESSION['name'];

// Delete session
session_destroy();
```


USER DATA

USERS ARE EVIL

VALIDATION/SANITIZATION

- filter_input
- filter_var

FILTER_INPUT ARGUMENTS

- type : INPUT_GET, INPUT_POST
- variableName
- (optional) Filter to apply
- (optional) Options

FILTER_VAR ARGUMENTS

- variableName
- (optional) Filter to apply
- (optional) Options

EXISTING FILTERS

- FILTER_VALIDATE_BOOLEAN
- FILTER_VALIDATE_EMAIL
- FILTER_VALIDATE_FLOAT
- FILTER_VALIDATE_INT
- FILTER_VALIDATE_IP
- FILTER_VALIDATE_REGEXP
- FILTER_VALIDATE_URL

EXISTING SANITIZATION FILTERS

- FILTER_SANITIZE_EMAIL
- FILTER_SANITIZE_EMAIL
- FILTER_SANITIZE_MAGIC_QUOTES
- FILTER_SANITIZE_NUMBER_FLOAT
- FILTER_SANITIZE_NUMBER_INT
- FILTER_SANITIZE_SPECIAL_CHARS
- FILTER_SANITIZE_FULL_SPECIAL_CHARS
- FILTER_SANITIZE_STRING
- FILTER_SANITIZE_STRIPPED
- FILTER_SANITIZE_URL
- FILTER_UNSAFE_RAW

EXERCICES

EXERCICE 1

Transform previous exercices 1, 2, 4, 5, 6 into a single webpage where the user can input the data to test.

EXERCISE 2

Create a signup form asking for the following data. If the form is correct, display a message congratulating the user. Otherwise, display an error message above the erroneous information.

- First and lastname
- Date of birth
- Email address
- Link to their website
- Acceptance of TOS

EXERCICE 3

Create a small web-app where the user can login given a email address and a password. If the information is correct, the user must be connected and be able to see his name. If not, he must see the login form. Add a logout link on the page that will deconnect the user.

GO FURTHER

