

SESSIONS



A Brief Tour by Jocelyn Kirby

WHAT IS A SESSION?

Definition:

A session refers to a limited time of communication between two systems.

A Session May Involve:

- A Client and a Server
- Two Personal Computers Communicating

WHAT ARE SESSIONS USED FOR?

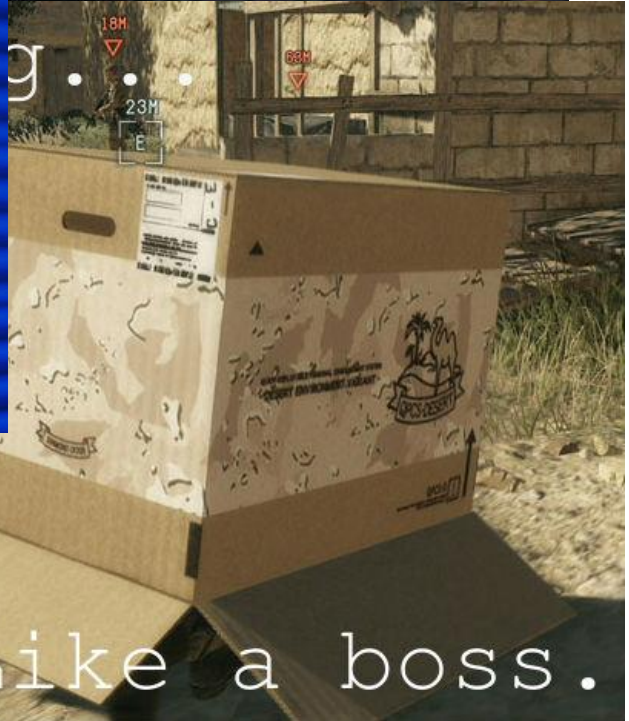
Session variables store temporary information for various purposes:

- To quickly retrieve data
- To view data on multiple pages of one site
- To make HTTP (inherently stateless), stateful

THE TYPES OF ONLINE DATA STORAGE



CHANGE MY INTERNET



CODE EXAMPLE - PERL

Data Entry:

```
session => user_id;
```

Data Retrieval by user_id:

```
session( 'user_id' );
```

THE DANCER MODULES

Dancer::Session::YAML

Dancer::Session::Cookie

Dancer::Session::DBI

WHY ARE SESSIONS IMPORTANT?

Sessions provide additional security for private information.

Prior to sessions, information could be compromised by accessing data stored within cookies or hidden files.

With sessions, specifically logged in user sessions, data is kept stored on the server and accessed by a unique session id.

THE REFERENCES

- <http://www.allaboutcookies.org/>
- <http://www.yourdictionary.com/session>
- <http://techterms.com/definition/session>
- **http://www.math-cs.gordon.edu/courses/cps353/lectures/12_sessions_and_security.html** *
- <https://en.wikipedia.org/wiki/YAML>
- <http://search.cpan.org/~bigpresh/Dancer-1.3202/lib/Dancer/Session/YAML.pm>
- <http://search.cpan.org/~sherzodr/CGI-Session-3.95/Session/Tutorial.pm>
- <http://search.cpan.org/~jaitken/Dancer-Session-DBI-0.1.0/lib/Dancer/Session/DBI.pm>
- http://www.w3schools.com/asp/coll_querystring.asp
- http://www.webopedia.com/TERM/Q/query_string.html
- http://www.webopedia.com/TERM/H/hidden_file.html

* This link was particularly useful to understand cookies

THANK YOU FOR YOUR TIME!

