

# PSR-7 & Guzzle

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# PSR-7



## PHP Standards Recommendations

Defined by the PHP framework interop group

Using such standard make collaboration easy

Defines a set of interfaces for HTTP messages

Any web app using PSR-7 standard is PSR-7 application



# Interfaces in PSR-7

## **Psr\Http\Message\**

**MessageInterface**

**RequestInterface**

**ServerRequestInterface**

**ResponseInterface**

**StreamInterface**

**UriInterface**

**UploadedFileInterface**

## **Representation of**

**HTTP message**

**Outgoing, client-side request**

**Incoming, server-side HTTP request**

**Outgoing, server-side response**

**Describes a data stream**

**URI**

**File uploaded through an HTTP request**



# Guzzle and PSR-7



**Guzzle utilizes PSR-7 as HTTP message interface**

- HTTP requests and responses are messages

# PSR-7 Streams



Guzzle body uses  
`Psr\Http\Message\StreamInterface`

Created using `stream_for()`

Enable us to work with large message  
bodies

Provides functions

- `isReadable()`
- `isWritable()`
- `isSeekable()`

# Summary



## PSR-7

### Guzzle and PSR-7

PSR-7 requests, response, headers

PSR-7 body, streams

