# ...ddImage

## Methods

### (inner) addImage(imageData, format, x, y, width, height, alias, compression, rotation)

Source: modules/addimage.js, line 768

Adds an Image to the PDF.

#### Parameters:

| Name | Type | Description |
|---|---|---|
| imageData | string \| HTMLImageElement \| HTMLCanvasElement \| Uint8Array \| RGBAData | imageData as base64 encoded DataUrl or Image-HTMLElement or Canvas-HTMLElement or object containing RGBA array (like output from canvas.getImageData). |
| format | string | format of file if filetype-recognition fails or in case of a Canvas-Element needs to be specified (default for Canvas is JPEG), e.g. 'JPEG', 'PNG', 'WEBP' |
| x | number | x Coordinate (in units declared at inception of PDF document) against left edge of the page |
| y | number | y Coordinate (in units declared at inception of PDF document) against upper edge of the page |
| width | number | width of the image (in units declared at inception of PDF document) |
| height | number | height of the Image (in units declared at inception of PDF document) |
| alias | string | alias of the image (if used multiple times) |
| compression | string | compression of the generated JPEG, can have the values 'NONE', 'FAST', 'MEDIUM' and 'SLOW' |

| Name | Type | Description |
|---|---|---|
| rotation | number | rotation of the image in degrees (0-359) |

Returns:

jsPDF

### (inner) arrayBufferToBinaryString(ArrayBuffer) → {String}

Source: modules/addimage.js, line 730

Convert the Buffer to a Binary String

Parameters:

| Name | Type | Description |
|---|---|---|
| ArrayBuffer | ArrayBuffer \| ArrayBufferView | buffer or bufferView with ImageData |

Returns:

Type String

### (inner) binaryStringToUint8Array(BinaryString) → {Uint8Array}

Source: modules/addimage.js, line 710

Convert Binary String to ArrayBuffer

Parameters:

| Name | Type | Description |
|---|---|---|
| BinaryString | string | with ImageData |

Returns:

Type Uint8Array

### (inner) convertBase64ToBinaryString(stringData) → {string}

Source: modules/addimage.js, line 917

Parameters:

| Name | Type | Description |
|---|---|---|
| stringData | string | |

Returns:

binary string

Type string

### (inner) extractImageFromDataUrl(dataUrl) → {string}

Source: modules/addimage.js, line 637

Strips out and returns info from a valid base64 data URI

Parameters:

| Name | Type | Description |
|---|---|---|
| dataUrl | string | a valid data URI of format 'data:[][;base64],' |

Returns:

The raw Base64-encoded data.

Type `string`

### `(inner) getImageFileTypeByImageData(imageData, format) → {string}`

Source: modules/addimage.js, line 117

Recognize filetype of Image by magic-bytes

https://en.wikipedia.org/wiki/List_of_file_signatures

#### Parameters:

| Name | Type | Description |
|---|---|---|
| imageData | string \| arraybuffer | imageData as binary String or arraybuffer |
| format | string | format of file if filetype-recognition fails, e.g. 'JPEG' |

#### Returns:

filetype of Image

Type `string`

### `(inner) getImageProperties(imageData) → {Object}`

Source: modules/addimage.js, line 953

#### Parameters:

| Name | Type | Description |
|---|---|---|
| imageData | Object | |

#### Returns:

Type `Object`

### `(inner) isArrayBuffer(object) → {boolean}`

Source: modules/addimage.js, line 673

Tests supplied object to determine if ArrayBuffer

#### Parameters:

| Name | Type | Description |
|---|---|---|
| object | Object | an Object |

#### Returns:

Type `boolean`

### `(inner) isArrayBufferView(object) → {boolean}`

Source: modules/addimage.js, line 686

Tests supplied object to determine if it implements the ArrayBufferView (TypedArray) interface

#### Parameters:

| Name | Type | Description |
|---|---|---|
| object | Object | an Object |

#### Returns:

Type `boolean`

### (inner) sHashCode(data) → {string}

Source: modules/addimage.js, line 566

#### Parameters:

| Name | Type | Description |
|---|---|---|
| data | string | |

#### Returns:

Type string

### (inner) validateStringAsBase64(possible) → {boolean}

Source: modules/addimage.js, line 593

Validates if given String is a valid Base64-String

#### Parameters:

| Name | Type | Description |
|---|---|---|
| possible | String | Base64-String |

#### Returns:

Type boolean

## Type Definitions

### RGBAData

Source: modules/addimage.js, line 759

#### Properties:

| Name | Type | Description |
|---|---|---|
| data | Uint8ClampedArray | Single dimensional array of RGBA values. For example from canvas getImageData. |
| width | number | Image width as the data does not carry this information in itself. |
| height | number | Image height as the data does not carry this information in itself. |

Possible parameter for addImage, an RGBA buffer with size.

#### Type:

- Object