

How to return PDF file from controller

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I try to return a PDF file from a Controller Endpoint using NestJs. When not setting the `Content-type` header, the data returned by `getDocumentFile` gets returned to the user just fine. When I add the header however, the return I get seems to be some strange form of a GUID, the response always looks like this: `xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx` where `x` is a lowercase hexadecimal character. It also seems to be totally unrelated to the actual return value of the handler function, as I even get this strange GUID-thing when not returning anything at all.

When not setting `Content-type: application/pdf`, the function returns the data of the buffer just fine, however I need to set the header in order to get the browser to recognize the response as a PDF file which is important for my use case.

The controller looks like this:

```
@Controller('documents')
export class DocumentsController {
  constructor(private documentsService: DocumentsService) {}

  @Get('/:id/file')
  @Header('Content-type', 'application/pdf')
  async getDocumentFile(@Param('id') id: string): Promise<Buffer> {
    const document = await this.documentsService.byId(id)
    const pdf = await this.documentsService.getFile(document)

    // using ReadableStreamBuffer as suggested by contributor
    const stream = new ReadableStreamBuffer({
      frequency: 10,
      chunkSize: 2048,
    })
    stream.put(pdf)
    return stream
  }
}
```

and my DocumentsService like this:

```
@Injectable()
export class DocumentsService {
  async getAll(): Promise<Array<DocumentDocument>> {
    return DocumentModel.find({})
  }

  async byId(id: string): Promise<DocumentDocument> {
    return DocumentModel.findOne({ _id: id })
  }

  async getFile(document: DocumentDocument): Promise<Buffer> {
    const filename = document.filename
    const filepath = path.join(__dirname, '..', '..', '..', '..', '..', 'pdf-generator', 'dist', filename)

    const pdf = await new Promise<Buffer>((resolve, reject) => {
      fs.readFile(filepath, {}, (err, data) => {

```