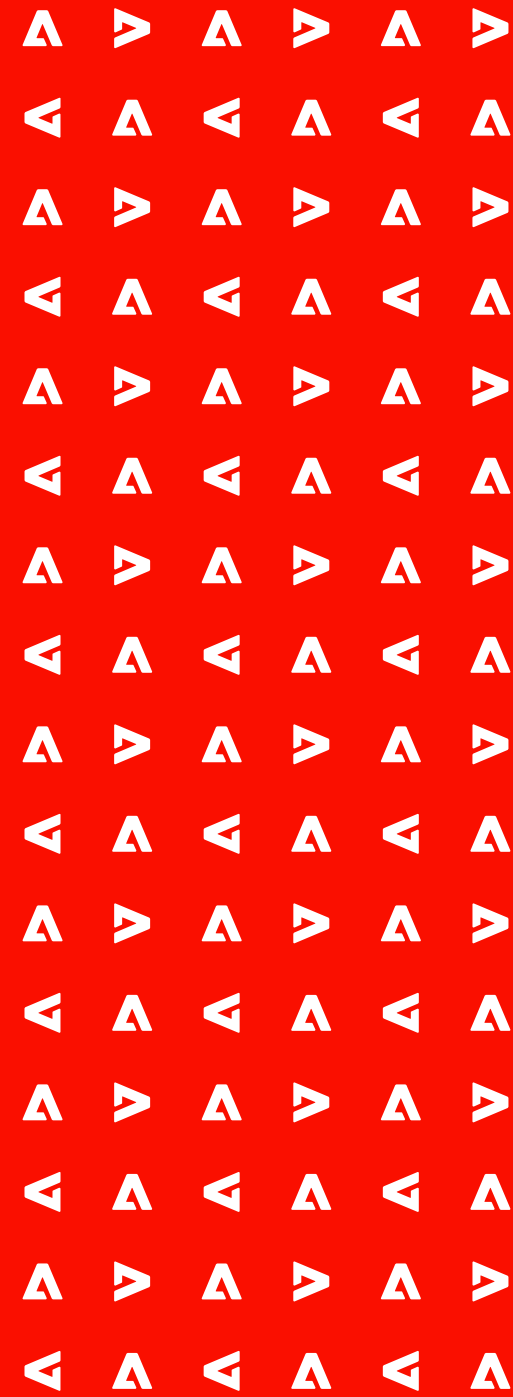




# Adobe ColdFusion DDX for PDF

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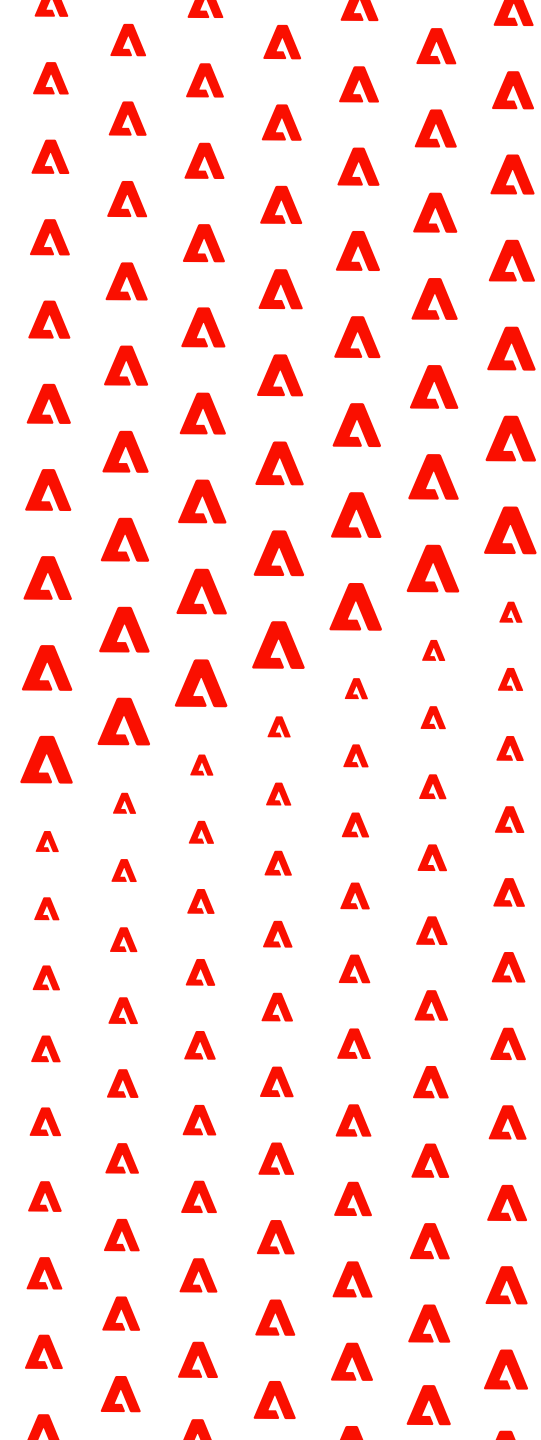


# Introduction



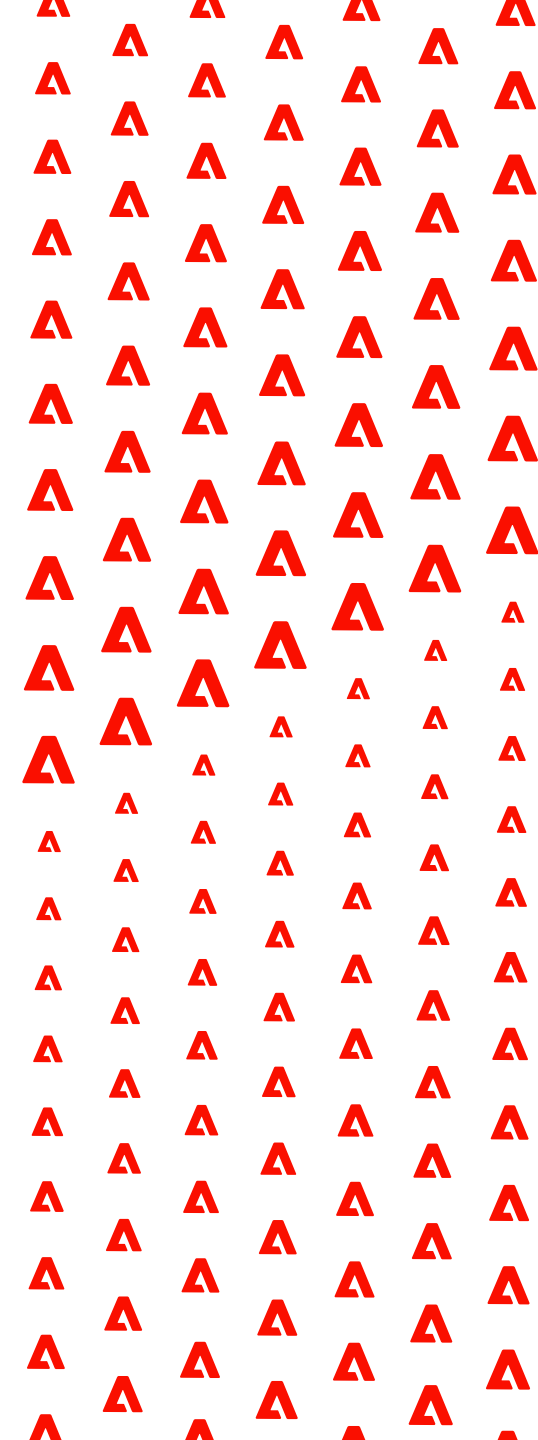
# What's with all the letters?

- DDX – Document Description XML (GAH MORE LETTERS)
  - XML – eXtensible Markup Language
- PDF - Portable Document Format
- DDX documents must be in the DDX namespace  
(<http://ns.adobe.com/DDX/1.0/>)



# DDX – How the \$%^\* does it work?!

- Descriptive, not declarative
- Does not instruct
- Source documents -> target document(s)
- You can directly invoke DDX in CF, but standard is to use an external file & invoke it.



# Validating & Instantiating DDX documents

- **DDX document structure**

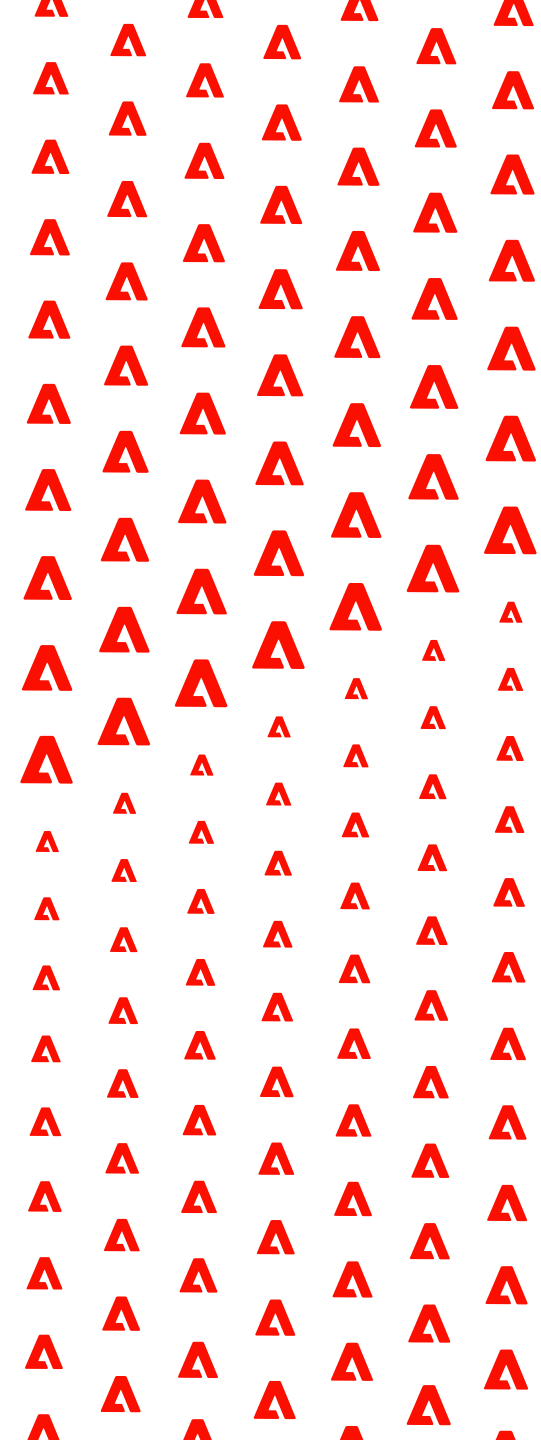
```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<DDX xmlns="http://ns.adobe.com/DDX/1.0/">
```

```
  <!-- Other DDX elements -->
```

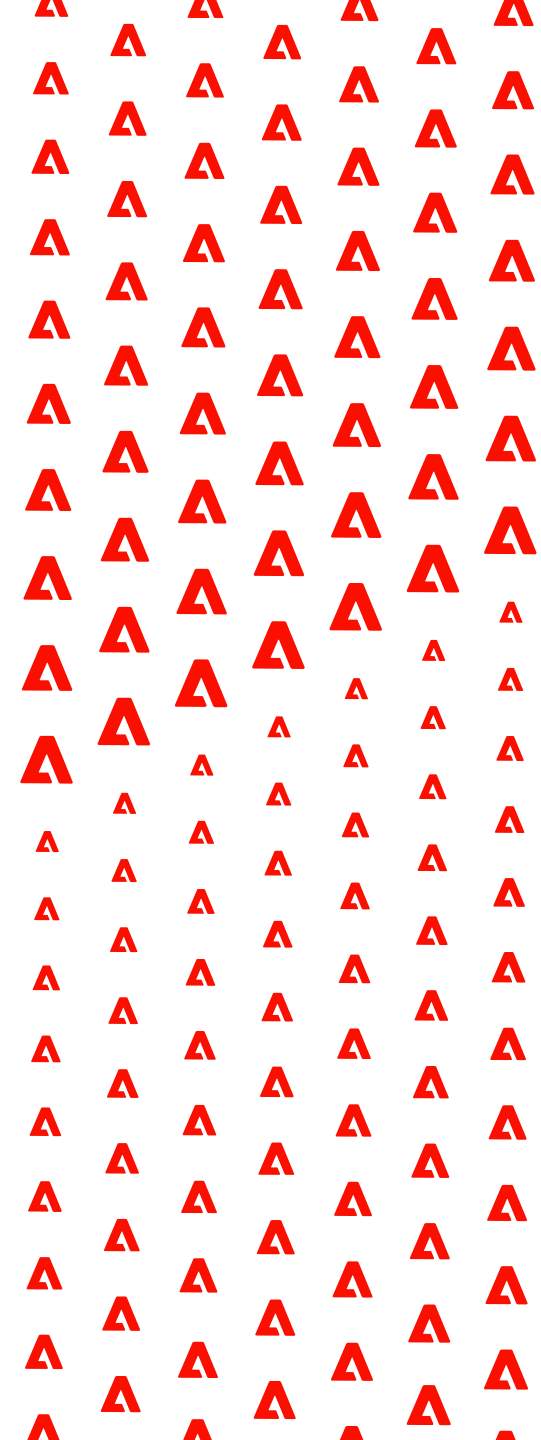
```
</DDX>
```

- ColdFusion can determine validity using the isDDX() function
  - `<cfif IsDDX("merge.ddx")>`
- To run a DDX file, use the “processDDX” action of the CFPDF tag.
- After performing an action, you will assign the return to a variable, which can be checked for success/fail/error.



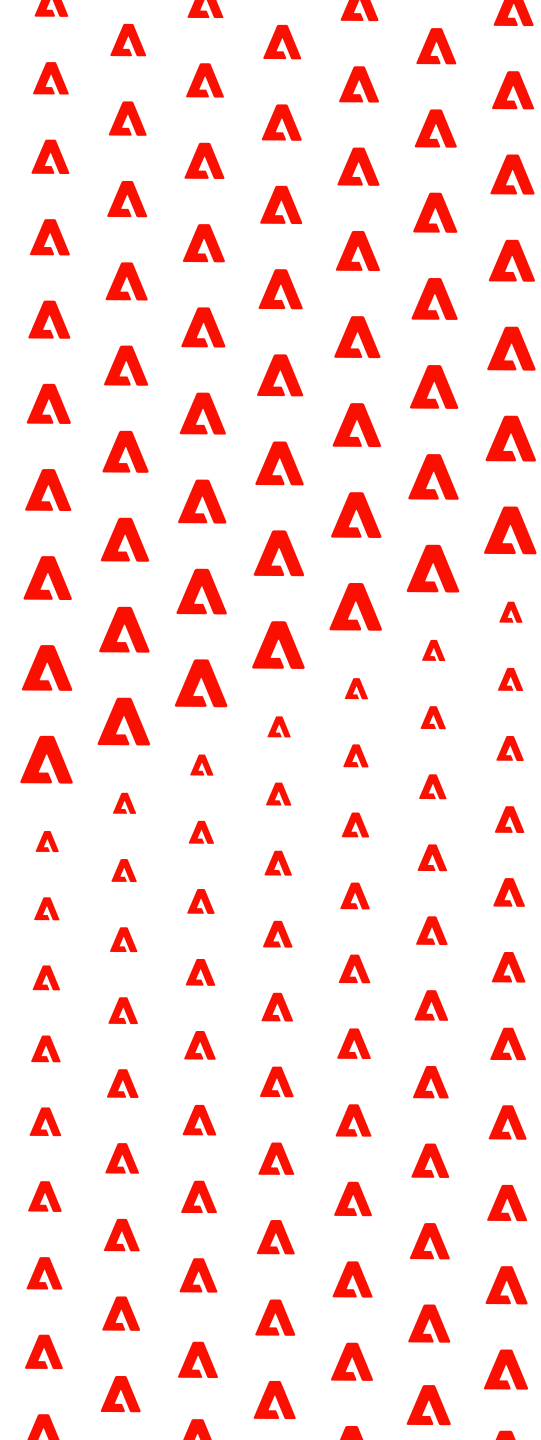
# What can you do?

- Merge 2 or more PDF documents
- Add table of contents
- Add headers and/or footers
- Formatting Header/Footers
  - Adding auto page numbers
  - Styles
  - Grouping documents (for, for example, applying styles)
- Setting initial view of a PDF
- Text-string watermarking (either fore or background)



# Code demos!

- Merge 2 PDF documents
- Add table of contents
- Add header & footer
- Style, profile!
- Setting initial start page
- Backgrounds & watermarks



# Questions?

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Office hours (Sign up on: <https://calendly.com/marktakata/> for a 15 minute spot)