Research & Engineering

A Sample Literate document

UNITED AIRLINES

Contents

1 Code foundations

Some inline code examples This is inline `C++` code `int main()`
This is inline `Rust` code `use chrono::\{Utc, DateTime\};`
This is bash inline code `\$\{\#parameter\}`
This is python inline code ω_x `= [1, 2, 3]`
Another `Rust` one liner here `use rand::\{distributions::Uniform, Rng\};`
Other inline code examples:

- XML: `<tag>text</tag>`

- Shell: `echo -e "test"`

- Elisp: `( + 1 2)`

- Rust: `use std:process`

- JavaScripr: `console.log(1 + 2)`

- GO: `var palette = []color.Color{color.White, color.Black}`

- Python: `[bin(i)[2:].zfill(8) for i in range(11)]`

1.1 A python code snippet

```python
# Note: π = lim_{n→∞} P_n/d
title = "Hello World"

sum = 0
for i in range(10):
    sum += i
```

Listing 1: A Python snippet

1.2 A LaTeX code snippet

```latex
% This is a TeX comment but is not disregarded because it's inside

\documentclass{article}

\usepackage{minted}

\begin{document}
```

```
Dont use $$ in \LaTeXe!  % It's weird!
\end{document}
```

1.3 JSX code snippet

```
const Component = () => {
    return <div>test</div>
}
```

Listing 2: JSX Code block

2 Directory Listing

Listing of files in a directory as a `tree`.

```
Users/sampathsingamsetty/sw/ual/projects/openid/OpenID_V2
│
├── oauth/
│
├── transformations/
│
├── aaa/
│
├── log-transformations/
│
├── lib/
│
├── conf/
│
└── gatewayscripts/
        └── js-files/
                ├── new/
                │
                └── backup/
```

The same in a different format here

```
1  /local/OpenID_V2/
2
3    oauth/
4
```

```
5      transformations/
6
7      aaa/
8          CIAMGuestAuthentication.xsl
9
10     log-transformations/
11
12     lib/
13         Commons.js
14
15     conf/
16         opi-metadata.xml
17
18     gatewayscripts/
19
20         tokenProcessing.js
21         CIAMGuestAuthenticator.js
```

> ℹ The listed files under their respective parent directories were either changed or introduced!

- CIAMGuestAuthentication.xsl - "New XSL module to handle custom Authentication in AAA"

- Commons.js - "Existing lib module with a function update"

- opi-metadata.xml - "Existing configuration updated with Ping login url"

- tokenProcessing.js - "Existing module updated with new processing rules"

- CIAMGuestAuthenticator.js - "New module to call Ping login"

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