



A new way to develop for the web

Oversimplified history of programming languages

We are overdue for some new ideas.



“

The most dangerous phrase in the language is, 'We've always done it this way'.

”

- *Grace Hopper*


```
function foo() {  
  ...  
}
```

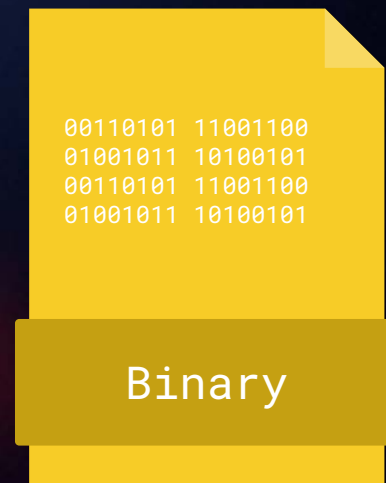
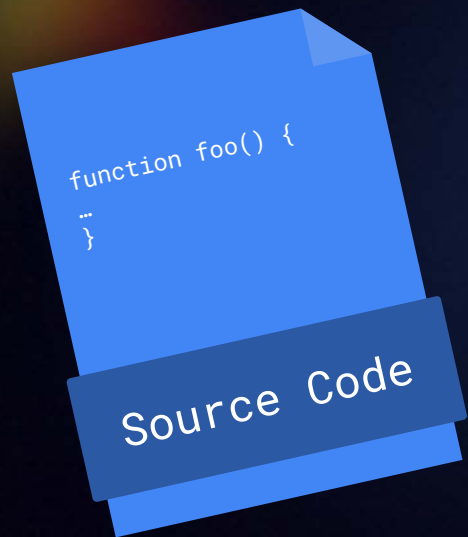
Source Code

```
{  
  "type": "node",  
  ...  
}
```

AST

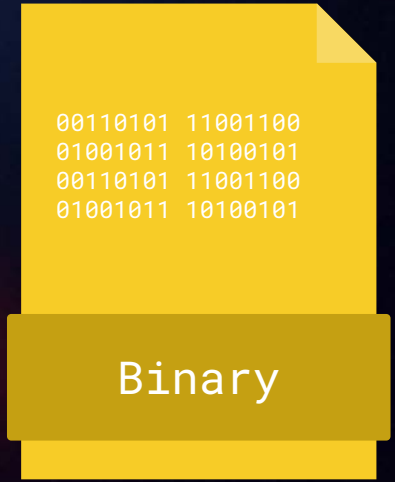
```
00110101 11001100  
01001011 10100101  
00110101 11001100  
01001011 10100101
```

Binary





AST



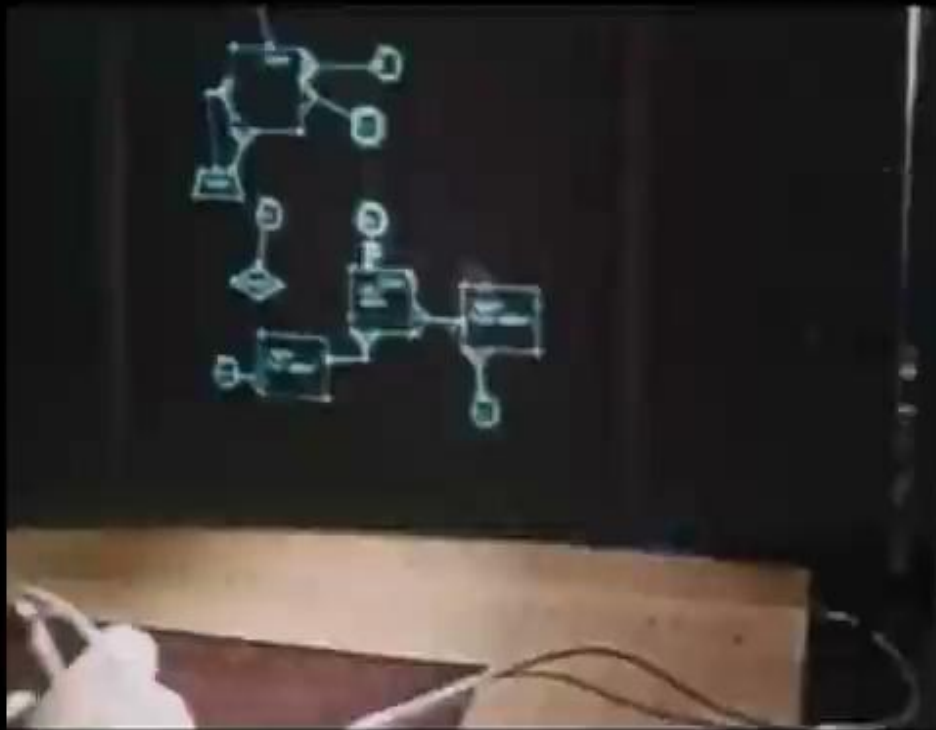
Binary

1964

GRAIL

Developed by Tom Ellis.

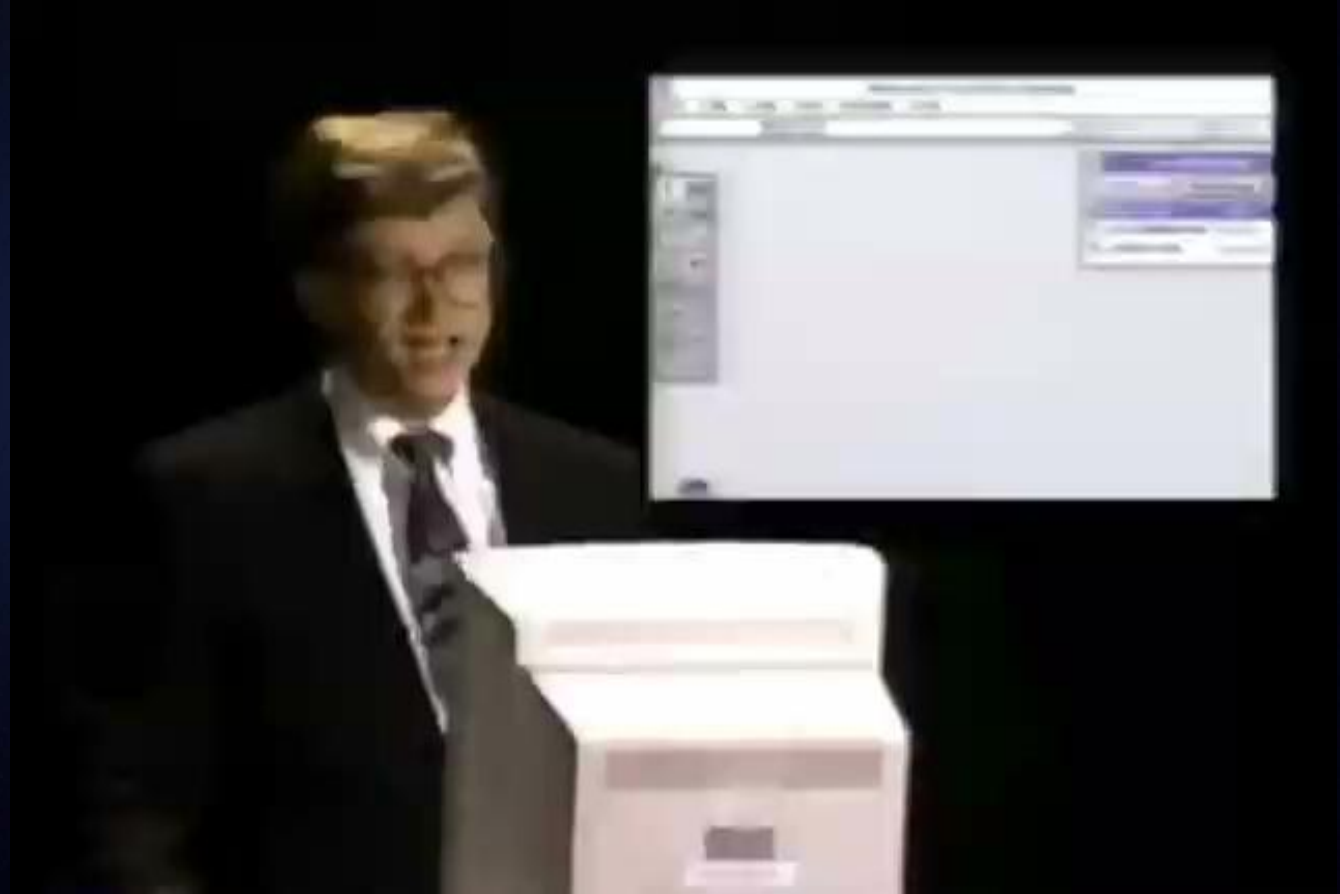
Running on the RAND tablet.



1991

Visual Basic

Developed by
Microsoft Corp.



Why did text win?

Flexibility

A mainstream programming language must be able to handle anything the user throws at it.

Collaboration

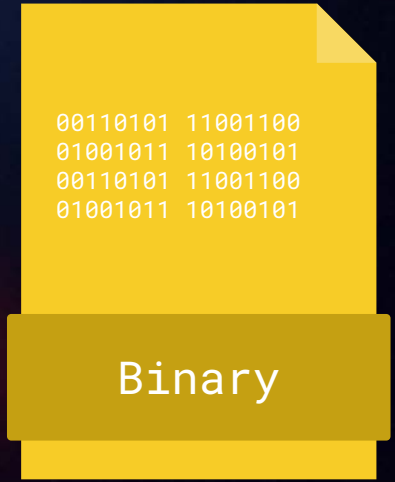
It must be possible for large teams to collaborate asynchronously

Speed

Applications built in visual languages must be able to compete with those written in code.



AST



Binary

DEMO



The next generation development platform.