

ActionScript Cheatsheet

This cheatsheet provides a brief overview of ActionScript's unique features and syntax, including code blocks for variables, functions, loops, conditionals, file manipulation, and more.

ActionScript is an object-oriented programming language used primarily for the development of Adobe Flash content. It is known for its simplicity and ease of use, making it a popular choice for web developers.

This cheatsheet is designed to serve as a quick reference guide for ActionScript developers of all levels. It includes examples of common syntax and programming constructs, as well as a list of resources for further learning.

Unique Features

- Object-oriented programming language
- Used primarily for the development of Adobe Flash content
- Simple and easy to use
- Popular choice for web developers

Variables

```
// declaring a variable
var variable_name:data_type = value;

// dynamic typing
var variable_name:* = "string";
var variable_name:* = 123;
```

Functions

```
// defining a function
function function_name(parameter1:data_type, parameter2:data_type):return_type {
    // function body
    return value;
}

// calling a function
function_name(argument1, argument2);
```

Loops

```
// for loop
for (var i:int = 0; i < length; i++) {
    // loop body
}

// while loop
while (condition) {
```

```
    // loop body
}

// do-while loop
do {
    // loop body
} while (condition);
```

Conditionals

```
// if statement
if (condition) {
    // if body
} else if (condition) {
    // else if body
} else {
    // else body
}

// ternary operator
condition ? true_body : false_body
```

File Manipulation

```
// reading from a file
var file:File = new File("filename");
var stream:FileStream = new FileStream();
stream.open(file, FileMode.READ);
var contents:String = stream.readUTFBytes(stream.bytesAvailable);
stream.close();

// writing to a file
var file:File = new File("filename");
var stream:FileStream = new FileStream();
stream.open(file, FileMode.WRITE);
stream.writeUTFBytes("content");
stream.close();
```

Resources

- [Official Adobe ActionScript Website](#)
- [ActionScript Documentation](#)
- [ActionScript Style Guide](#)