

A bouquet of red tulips with green leaves is positioned on the right side of the image. The flowers are in various stages of bloom, and the leaves are long and pointed. The background is a dark, textured surface, possibly a wall or a piece of paper, with some subtle variations in tone and texture. The overall mood is elegant and artistic.

# MULTIMEDIA AUTHORING TOOLS

The background of the slide is a photograph of bare, dark tree branches against a dark, overcast sky. The branches are thin and intricate, creating a complex web of lines. The lighting is soft, highlighting the texture of the bark and the delicate structure of the twigs. The overall mood is quiet and contemplative.

# Definition

The multimedia writing tool is a multimedia software development platform based on the multimedia operating system. It can help developers to organize various multimedia data and create multimedia application software.



What are they?



Adobe Animate



3ds Max



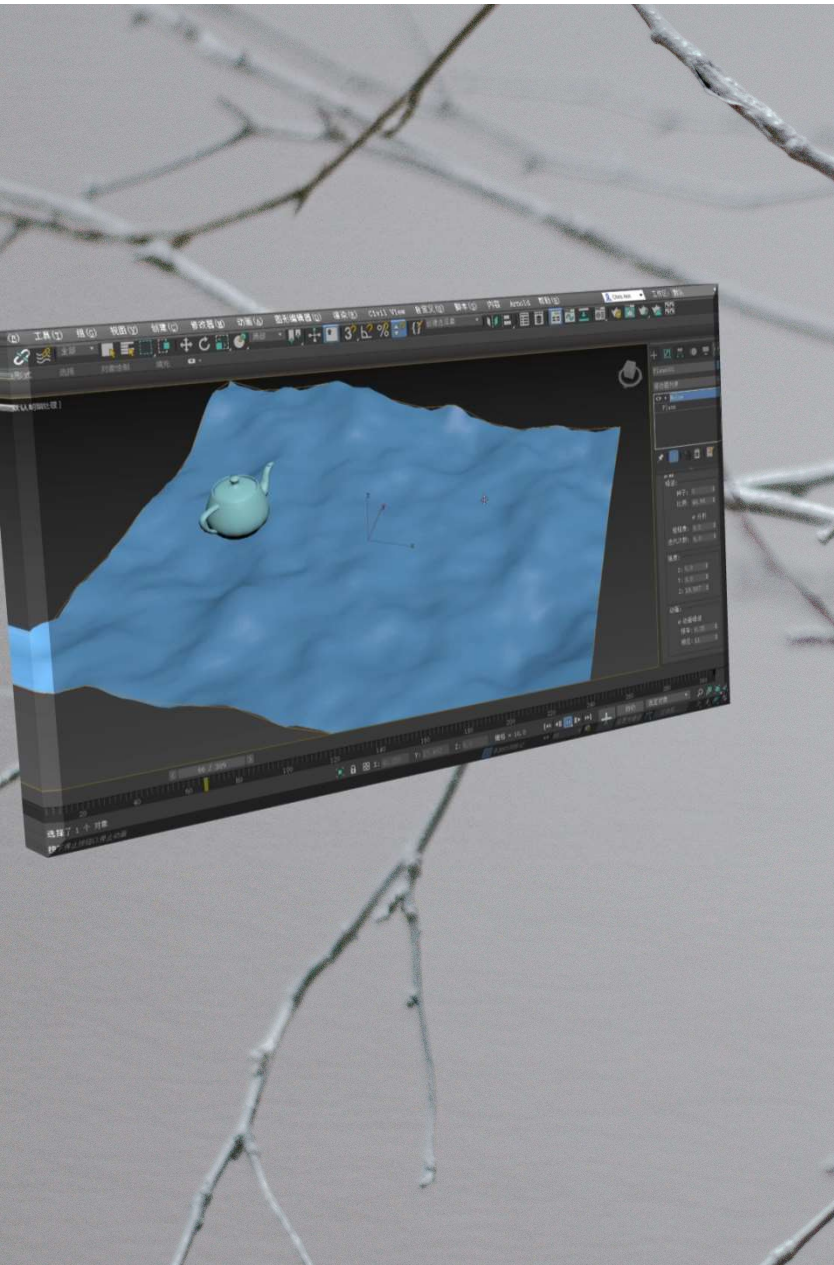
Photoshop



Animate just about anything.

Design interactive animations for games, TV shows, and the web. Bring cartoons and banner ads to life. Create animated doodles and avatars. And add action to eLearning content and infographics. With Animate, you can quickly publish to multiple platforms in just about any format and reach viewers on any screen.





Professional 3D modeling,  
rendering, and animation software.

Breathe life into environments and landscapes  
with robust modeling tools.

Create finely detailed designs and props with  
intuitive texturing and shading tools.

Iterate and produce professional-grade renders  
with full artistic control.



Process and draw images.

Adobe's brilliant image and design software is at the heart of creative projects ranging from photo editing and composition to digital painting, animation and graphic design



# Which platforms do they support?



Adobe Animate

Windows & macOS




3ds Max

Windows



Photoshop

Windows & Android  
& Mac OS & Linux



# How is their scripting feature? Before we do that, we need to know the benefits of scripting.

A script is equivalent to a combination of some macro commands and does not need to be compiled. Faster than developing from scratch, and the syntax is relatively simple. Cross-platform is possible as long as there is a corresponding language interpreter on the system.





Animation E.g.

The scripting language is easy to learn, so programmers can use the scripting language to quickly complete the writing work. I really agree with this because I recently made an avg game using dialog scripts and frame animation import scripts.



How is their scripting feature?



Adobe Animate



3ds Max



Photoshop



## Function

Adobe Animate Actionscript3.0	3ds Max MaxScript	Adobe Photoshop JavaScript
<ul style="list-style-type: none"><li>● It is a complete object-oriented programming language with powerful functions, rich class libraries, and syntax like JavaScript.</li></ul>	<ul style="list-style-type: none"><li>● Most functions of 3ds Max can be invoked through scripts.</li><li>● Artists and developers can easily extend the user interface and automation to perform batch processing.</li><li>● Users can build real-time interfaces to external systems through OLE Automation.</li></ul>	<ul style="list-style-type: none"><li>● Read and write HTML elements in response to browser events.</li><li>● Detects browser information for authenticated visitors. Control cookies, including creating and modifying them.</li><li>● Mainly used to add interactive behavior to HTML pages.</li><li>● It can be directly embedded in HTML pages.</li></ul>

## Features

Adobe Animate Actionscript3.0	3ds Max MaxScript	Adobe Photoshop JavaScript
<ul style="list-style-type: none"><li>● ActionScript 3.0 is executed by the ActionScript Virtual Machine (AVM2) in Flash Player.</li><li>● ActionScript 3.0 is based on the ECMAScript language specification.</li><li>● ActionScript 3.0 consists of 2 parts:<ol style="list-style-type: none"><li>1. Core language: used to define the structure of the programming language, such as declarations, representations, conditions, loops, and types.</li><li>2. flash player API: It consists of a series of classes that precisely define the functions of flash player.</li></ol></li><li>● Object oriented programming.</li></ul>	<ul style="list-style-type: none"><li>● MAXScript is 3ds Max's built-in scripting language. Its main interface, the MAXScript menu, contains various commands for creating and processing scripts, which can be made with simple commands.</li><li>● In the art production process, when the rules are fixed, the operations are repeated, and the steps are complex, it is necessary to use the Maxscript scripting automation tool to help the art to improve the production efficiency and optimize the production process.</li></ul>	<ul style="list-style-type: none"><li>● JavaScript is an interpreted scripting language.</li><li>● An object-based scripting language.</li><li>● Weakly typed variable types are used.</li><li>● An event-driven scripting language.</li><li>● Dependent on the operating system, only browser support is required.</li><li>● The standard for JavaScript is ECMAScript.</li></ul>





THANKS

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By\_

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