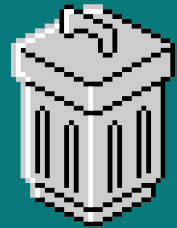
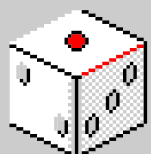


# CRVJA



 Amiga & AMOS BASIC



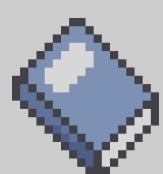
1. Introduction
2. Using AMOS
3. CRVJA Project
4. CRVJA Demo



- Amiga is a family of personal computers
- The Amiga 1000 was launched in 1985
- They were notable for advanced graphics, sound, and multitasking



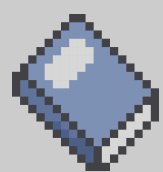
Amiga 1000



- 1985 – Amiga 1000
- 1987 – Amiga 500
- 1987 – Amiga 2000
- 1990 – Amiga 3000
- 1990 – Amiga 600
- 1992 – Amiga 1200
- 1992 – Amiga 4000
- 1994 – Amiga 4000T



Amiga 500



- AMOS BASIC arrived in 1990

- It helped users make games more easily

- Popular during early 90s

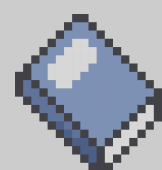
```
AMOS Professional Object Editor
By Francois Lionet
(c) 1992 Europress Software
-----
This program will automatically grab the banks of the previous program
if it is called from the editor's menu, with a command line:
"GRABO" will grab the Object bank if defined
"GRABI" will grab the Icon bank if defined
-----
IMPORTANT NOTE: bank grabbing asks for at least twice as much free ram
as the bank length. Grabbing does not prevent you from saving the
bank as a security before returning to your program.
-----

Set Buffer 14
Close Editor

VERS="1.01"

These two variables define the maximum size of editable bob
NOTE: on a 1/2 meg machine, max size is always 80x100
and screen is always 200 lines high.
Global SXMAX,SYMAX
SXMAX=320 : SYMAX=200


Maximum number of bobs
Global MBANK
```



 Amiga.org  
<https://forum.amiga.org>

## Amiga.org - Index

This forum is for the open discussion of new thoughts and ideas intended to help the **Amiga community**.  
What do we need? What do we want? 11186 Posts 425 Topics. [Read more](#)

 Reddit · r/amiga  
31.9K+ followers

## r/amiga

r/amiga: We are a **passionate community of Amiga fans**. We talk about relevant news, events, new and old hardware and software and all things Commodore...

 Lemon Amiga  
<https://www.lemonamiga.com> › forum


## Amiga Community Forum

**Monthly Amiga game challenges**. Play to win, or just for fun. Moderators: Lemoners, Competitioners.  
896 Topics: 40261 Posts: Last post Re: Summer Chill 2026 ... [Read more](#)

 AmigaWorld  
<https://amigaworld.net> › modules › newbb

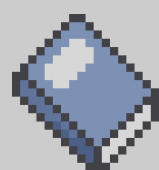
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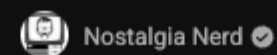


## Introduction



### Amiga Story | Nostalgia Nerd

1.6M views · 9 years ago



What goes up, must come down... Welcome to the story of the Commodore Amiga. This is part 1 of a 2 part documentary exploring ...

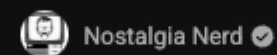
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8 moments F29 Retaliator (1989) Digital Image Design | Dale Luck Graphics Wizard | Deluxe Paint (1985) Electroni...



### Amiga Story Part 2 (The 90s) | Nostalgia Nerd

1.1M views · 9 years ago



I conclude the Commodore Amiga Documentary with the second part of it's story. This episode is based heavily in the 1990s.

CC

8 moments A10 Tank Killer, 1990 Dynamix | Alien Breed II (1993) Team 17 | Medway Boys Menu 9 Atari ST | LSD...

<https://amigaworld.net/modules/newbb>

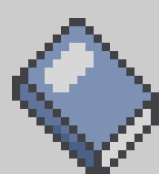
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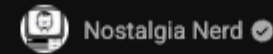
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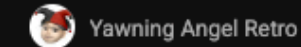
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### AMOS - Making a game

1k views · 2 years ago



We're making a game in AMOS! Building on the preceding tutorials, we wrap things up in this video to produce a small, but ...

[https://amigaworld.net > modules > newbb](https://amigaworld.net/modules/newbb)

### Forums

Latest Amiga Computer News, Amiga Discussion Forums, Amiga FAC

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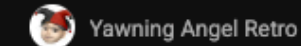
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### Recreating an arcade game in AMOS

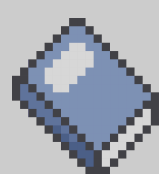
693 views · 9 months ago



In this AMOS Pro video I cover how I re-create the arcade game Space Race found at the Arcade Archive (part of the Retro ...

4K

7 chapters Intro | The (AMOS) Game | Two Player? | Code overview (How it works) | The Bobs | What next? | Outro

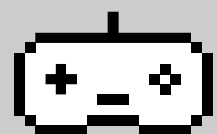


## Introduction

.Using a real Amiga computer



.Emulators



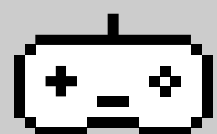
. Using a real Amiga computer



. Emulators



. CRVJA



. CRVJA?



CRVJA Project

. CRVJA?

. Compiler with Rapid Virtual  
reading to JavaScript from Amos



- CRVJA?

- Compiler with Rapid Virtual reading to JavaScript from Amos

- Compiler with Rules Validator to JavaScript from Amos



- CRVJA?

- Compiler with Rapid Virtual  
reading to JavaScript from Amos

- Compiler with Rules Validator to  
JavaScript from Amos

- ???



- "CERVEJA" means beer in Portuguese



- The idea is to create AMOS programs on the browser
- We defined the grammar based on AMOS documentation
- Then, we use ANTLR4 to generate the Abstract Syntax Tree (AST)
- Finally, translate to JavaScript



ptidejteam / reanimate-CRVJA

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viniciusmioto docs: sprites tutorial ✓ a9d1a5f · 9 hours ago 166 Commits

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docs	feat: implemented Qcos and Qsin (they are AMCAF comm...	yesterday
grammar	feat: implemented Qcos and Qsin (they are AMCAF comm...	yesterday
public	[fix] variable scopes Global x Local	3 days ago
src	docs: sprites tutorial	9 hours ago
tests	docs: sprites tutorial	9 hours ago
.gitignore	v1	last week
README.md	[feat] implemented string variables (instantiate, use as par...	last week
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jsconfig.json	Initial commit from Create Next App	2 years ago
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**About**

Compiler with Rules Validator to JavaScript from Amos

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CRVJA Project



• Demo



CRVJA Project