

Binomatic: The Logic Quest

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1 Introduction

In this game, Binomatic: The Logic Quest, players take on the role of a young child who inherits their father's job creating chips for the government. The game takes place in a small village, where the player must rebuild their father's laboratory, gather resources, and craft machines and chips to complete tasks and progress through the game. The game features five different areas to explore, each with their own challenges and resources to collect. Players can also decompose and recompose materials, mine, chop, and dig for resources, and add mods to customize the game. Additionally, players can create and manage their own farm and village. This game is available on Windows, Linux, and MAC OS.

2 Story

Binomatic: The Logic Quest takes place in a small village where the protagonist, a young child, was living with his father and his sister. The protagonist's father was working on creating chips for the government in a laboratory in their house basement. Five years later, the protagonist father died and the basement laboratory falls in ruins. The protagonist must rebuild the laboratory and continue their father's work on creating chips for the government. Along the way, they will face challenges and puzzles, and must gather resources, Help the villagers, and craft machines and chips in order to complete their tasks.

3 Gameplay

Binomatic: The Logic Quest is a 2D game that is played from an overhead perspective. The player controls the protagonist, a young child, as they explore various areas and complete tasks.

The game takes place in five different areas: a forest, caves, the sea, a village, and the player's laboratory. Each area has its own unique features and challenges. In the forest, for example, the player can collect wood, leaves, grass, water, berries, and other resources. In the caves, the player can mine for copper, gold, iron, and other valuable materials. In the sea, the player can collect water, salt, sand, and fish.

In order to complete tasks and progress through the game, the player must gather resources and craft various items and machines. The player can create chips using blueprints and the materials and elements needed. The chips can then be used to perform various tasks in the game, such as create logic link between machines and resolve puzzles.

The player can also decompose and recompose materials and elements to create more sophisticated materials. This allows the player to create new items and upgrade existing ones. The player can also mine, chop, and dig to gather resources, which are used to create new objects and machines.

The player can also add mods to the game to add new mechanics, elements, materials, etc. This allows the player to customize and expand the game to their liking. In addition, the player can collect resources and craft buildings and decorations to create and customize their own village. This adds a sense of ownership and accomplishment, and allows for social interaction with other players.

Finally, the player can create and manage their own farm, planting and growing crops, raising animals, and harvesting resources. This provides a source of food and other resources for the player, and adds an element of resource management and planning to the game.

3.1 Premise and settings

Binomatic: The Logic Quest is set in a small village, where the player takes on the role of a young child who has been given the task of continuing their father's work for the government. Five years prior to the start of the game, the protagonist's father passed away, leaving the basement laboratory in ruins. The player must rebuild the laboratory and begin working on creating chips for the government.

As the player progresses through the game, they will explore various areas and complete tasks and puzzles. The game takes place in five different areas: a forest, caves, the sea, a village, and the player's laboratory. Each area has its own unique features and challenges, and the player must gather resources and craft items and machines in order to progress through the game.

The game focuses on resource management and crafting, and challenges the player to use logic and problem-solving skills in order to complete tasks and advance through the game. The player can also customize and expand the game using mods, and can create and manage their own village and farm. Overall, the premise and setting of Binomatic: The Logic Quest offer a unique and engaging gameplay experience.

3.2 Collectibles

Different materials and elements can be collected in each area:

- Forest: wood, leaves, grass, water, berries, flowers, mushrooms, herbs, bark, resin, honey, feathers, fur
- Caves: copper, stone, gold, iron, aluminum, sulfur, crystal, silver, diamonds, platinum, titanium, rubies, quartz, obsidian, amethyst, jade
- Sea: water, salt, sand, shells, wood, algae, fish, coral, pearls, seaweed, sea urchins, crabs, lobsters, octopuses, dolphins

3.3 Mechanics

Binomatic: The Logic Quest features several gameplay mechanics:

- **Chip crafting:** You can create chips using blueprints and the materials and elements needed. The chips can then be used to perform various tasks in the game, such as create logic link between machines and resolve puzzles.
- **Element manipulation:** You can decompose and recompose materials and elements to create more sophisticated materials. This allows you to create new items and upgrade existing ones.
- **Resource gathering:** You can mine, chop, and dig to gather resources. This allows you to gather the raw materials needed for crafting and chip creation.
- **Object creation:** You can create objects and machines using the materials, machines, and elements that you have collected. This allows you to build and improve your laboratory and create new tools and equipment.
- **Modding:** Players can add mods to the game to add new mechanics, elements, materials, etc. This gives players the ability to customize and expand the game to their liking.
- **Village building and customization:** Players can collect resources and craft buildings and decorations to create and customize their own village. This gives players a sense of ownership and accomplishment, and adds an extra layer of social interaction to the game.
- **Farming:** Players can create and manage their own farm, planting and growing crops, raising animals, and harvesting resources. This provides a source of food and other resources for the player, and adds an element of resource management and planning to the game.

4 Quests and objectives

5 Modding

The modding part of this game will be using a scripting language designed for the game.

there is the syntax :

6 Conclusion

In conclusion, Binomatic: The Logic Quest is a 2D game that runs on Windows, Linux, and MAC OS. It is a game that focuses on exploration and resource management. The player takes on the role of a young child who must rebuild their father's laboratory and continue his work for the government. Along the way, the player will face challenges and puzzles, and must collect resources and craft items and machines to progress through the game. The game offers a

unique gameplay experience with its mix of resource management, crafting, and puzzle-solving.

7 Creators and Collaborators

- Project Manager / Write / Programmer / Map Maker: Tidian DELAGE
- Programmer : Liam François
- Music: Nohé TRICOIRE
- Drawing Artist: Faustine DELAGE
- Special Thanks to OpenAI ChatGPT for programming help.