# ARG Framework - Puzzle Creation Examples

This guide provides step-by-step examples for creating each puzzle type using the admin panel.

Navigate to **Admin Panel -> Puzzles -> Add New Puzzle**.

### Example 1: Simple Text Puzzle

A basic puzzle with a single word or phrase as the answer.

* **Title**: The Sphinx's Question
* **Description**: I have cities, but no houses. I have mountains, but no trees. I have water, but no fish. What am I?
* **Puzzle Type**: Select Simple Text from the dropdown.
* **Solution**: Enter A Map. The answer is not case-sensitive.

### Example 2: Multiple Choice Puzzle

A question where the player must select one correct option from a list.

* **Title**: A Matter of Choice
* **Description**: Which of these is not a primary color in the additive color model used for screens?
* **Puzzle Type**: Select Multiple Choice. A new section will appear.
* **Multiple Choice Options**:
  + Click "Add Choice" four times.
  + In the input fields that appear, enter Red, Yellow, Blue, and Green.
* **Solution**: Enter Yellow. This must exactly match the text of one of the choices you added.

### Example 3: Location (GPS) Puzzle

Requires the player to be physically at a specific location to solve.

* **Title**: The Lady of the Harbor
* **Description**: Travel to the location of the great colossus, a gift from France. On a plaque near the entrance, you will find a year. That is the answer.
* **Puzzle Type**: Select Location (GPS). A new section will appear.
* **GPS Coordinates**:
  + **Latitude**: Enter 40.6892
  + **Longitude**: Enter -74.0445
  + **Radius (in meters)**: Enter 50
* **Solution**: Enter 1886. This is the secret code the player must find at the location.

### Example 4: Location (QR Code) Puzzle

Requires the player to find and scan a QR code at a physical location.

**First, create your QR code:**

1. Use a free online QR code generator.
2. For the content/text of the QR code, enter your desired solution (e.g., Gigabyte).
3. Download the QR code image and print it for placement at your physical location.

**Then, create the puzzle in the admin panel:**

* **Title**: The Digital Ghost
* **Description**: Find the event poster hidden in the library. A QR code is in the corner. Scan it to get the password.
* **Puzzle Type**: Select Location (QR Code).
* **Solution**: Enter Gigabyte. This must exactly match the text you embedded in the QR code.

### Example 5: Puzzle with Hints and Media

This example shows how to add hints and an image to a puzzle.

* **Title**: The Hidden Message
* **Description**: The image contains a secret message. It seems to be encoded. The key is written in the stars.
* **Puzzle Type**: Select Simple Text or Cipher.
* **Hints Section**:
  + Click "Add Hint". In the new field, type: The answer is a constellation.
  + Click "Add Hint" again. In the second field, type: The three bright stars in a row form this constellation's "belt".
* **Solution**: Enter Orion.
* **Media & Links Section**:
  + **Media URL**: Click "Library", upload your image, and select it. Alternatively, paste a direct URL like https://upload.wikimedia.org/wikipedia/commons/4/4d/Orion\_constellation\_map.png.
  + **Media Type**: Select Image from the dropdown.