

Ayakashi Romance Reborn Auto Team Builder

A calculator that automatically builds teams for birthday events. If you run into any issues, please DM me on Discord @ ShadowHeartX#3207.

How to use

Fill out the character's card info in the JSON file included in the folder, `cards.json`, on any text editor program (Notepad on Windows or TextEdit on Mac for example). Ideally, use only the birthday character's cards.

```
{
  "cards": [
    {
      "cardName": "The Hour of Twilight",
      "character": "Toichiro",
      "affinity": "SPD",
      "rarity": "SSR",
      "awakenings": 4,
      "leaderSkill": 40,
      "PWR": 6092,
      "TECH": 4357,
      "SPD": 10224,
      "is_current_birthday_card": false
    },
    {
      "cardName": "Treasures of the Heart",
      "character": "Toichiro",
      "affinity": "SPD",
      "rarity": "SSR",
      "awakenings": 4,
      "leaderSkill": 40,
      "PWR": 6092,
      "TECH": 4357,
      "SPD": 10224,
      "is_current_birthday_card": false
    }
  ]
}
```

Within the "cards": [] list, each card's data's stored within {}

```
{
  "cardName" : "Name of the card",
  "character" : "Name of the character",
  "affinity" : "TECH, PWR, or SPD",
  "rarity" : "N, R, SR, or SSR",
  "awakenings" : 0, 1, 2, 3, or 4,
  "leaderSkill" : number without the percentage mark,
  "PWR" : base value,
  "TECH" : base value,
  "SPD" : base value,
  "is_current_birthday_card": true if it's the birthday card for the
current year, false if it's not
}
```

and separated with commas. The card name doesn't have to be the same as its name in the game, but if you are including duplicates, make sure that they will all have the same name. The program will take care of duplicates. Also make sure that the character name spelling is consistent.

Once you are done filling out your cards in the JSON file and saved it, open ARR_Calculator.exe.

```
AYAKASHI ROMANCE REBORN AUTO TEAM BUILDER  
made by Ellen @ ShadowHeartX#3207 on Discord  
-----
```

```
Which character's birthday event is it?  
_
```

You'll first be prompted to enter the character you're building a deck for. Make sure the spelling's the same as it is in the JSON file. If you do make a typo, you can fix it with Option 6 below.

```
Press '1' to re/load cards  
Press '2' to view cards  
Press '3' to generate the optimal 1 SP team  
Press '4' to generate the optimal 2 SP team  
Press '5' to generate the optimal 3 SP team  
Press '6' to change character  
Press '7' to exit
```

Next, you will be given 7 options. First, load in your cards with the JSON file. You can also reload your cards with option '1' should you change something in your file. Make sure the file is in the same folder as the `ARR_Calculator.exe`.

```
1
Enter path of json file:
cards.json
Loading cards from cards.json
Number of cards loaded in: 21
```

Option 2 lets you view the cards that you loaded into the program. Options 3-5 will auto generate decks depending on the number of SP you want to use. It will give you the cards names, and if there aren't enough cards to make a full deck, it will either provide characters you can add for link skills or tell you to use any 2/3/4-person link skills. It will also tell you how many stages you can clear per SP with the decks built a how many points you get per SP when clearing the highest possible stage.

```
Cards to put in decks 1, 2, and 3 to clear stages with 3 SP.
Deck 1: Beside You, The Hour of Twilight, Treasures of the Heart, 2021 Anniversary, 2021 Birthday,
Deck 2: Dyed in His Colors, 2020 Birthday, From One Millenium to You, Casual, 2020 Anniversary,
Deck 3: Collection IV, From One Millenium to You2, From One Millenium to You3, Koga, Nachi,
Total deck strength: 3659371.580000
You can clear stage 48 with this team at 3 SP.
You will get 23100 points per SP.

Using 2 SP with this team will let you clear stage 40.
You will get 24000 points per SP.

Using 1 SP with this team will let you clear stage 33.
You will get 21925 points per SP.
```

If the program ever gets stuck/freezes/or loops endlessly, (on Windows) press `ctrl + c` to kill the process and then exit the window. (On Mac) `Command + Option + Esc`.