Parrot Pipeline

Question

Brian's friend Bobby has 5 fewer than 3 times as many video games as Brian does. If Brian has 20 video games but lost 5 right before the comparison was made, how many does Bobby have?

+NR Prompt

Numerics Retrieval

Brian has 20 video games, Brian lost 5 video games, Bobby has 5 fewer than 3 times video games.

+FR Prompt

Formal Reasoning

```
def solution():
    ......
    brian_games_final = brian_games_initial - brian_games_lost
    bobby_games_initial = brian_games_final * 3 - 5
    ......
    return result
```

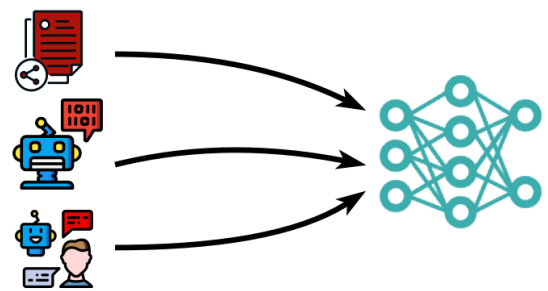
+RC Prompt

Resolution Conversion

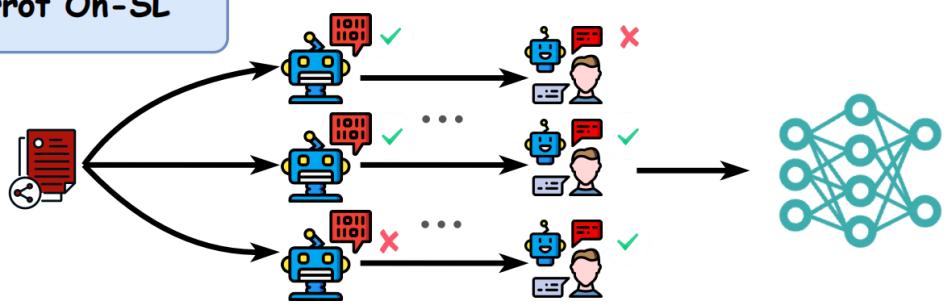
Let's start ......
Brian had 20 video games, but lost 5, so he now has 20 - 5 = 15 video games.
......
Bobby's video games = 3 x Brian's video games - 5
......
Therefore, Bobby has 40 video games.

Training Methods

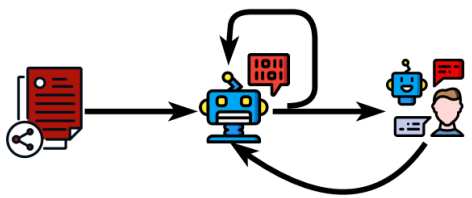
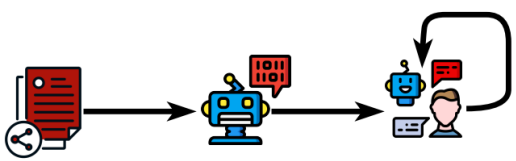
Hybrid Training



Parrot On-SL



Parrot P-COT RL



Parrot N-COT RL