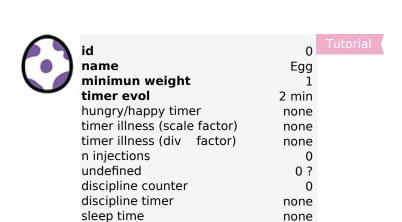
**Author**: Vinicio Valbuena (lowlevel) version: 1.0.0 **Repository**: https://github.com/formatcom/tamatama **Comments or problems:** https://github.com/formatcom/tamatama/issues Source ref: Tamagotchi I.i.f.e Android, Patent No: US 6,213,871 B1 Image ref: https://tamagotchi.fandom.com/wiki/Tamagotchi (1996 Pet)/Character list You have permission to use and share the information in this document, as long as the original document and author are

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## Tamagotchi Documentation First generation



name Babytchi minimun weight 60 min timer evol hungry/happy timer 7 min timer illness (scale factor) 60 timer illness (div factor) n injections undefined 0 ? discipline counter

Egg

discipline timer none sleep time special name Marutchi

Baby

minimun weight 10 timer evol 2 days hungry/happy timer 55 min timer illness (scale factor) timer illness (div factor) n injections undefined 100? discipline counter RAND \* 190 min discipline timer sleep time 9 am - 8 pm

name Tamatchi minimun weight 20 timer evol 3 days hungry/happy timer 80 min timer illness (scale factor) timer illness (div factor) n injections undefined 50? discipline counter RAND + 2discipline timer RAND \* 480 min

9 am - 9 pm

Mametchi

30

0 ?

none

9 am - 10 pm

6 days

86 min

sleep time

minimun weight

hungry/happy timer

discipline counter

discipline timer

timer illness (scale factor)

timer illness (div factor)

timer evol

n injections

undefined

sleep time

name

name Tamatchi minimun weight 20 timer evol 3 days hungry/happy timer 80 min timer illness (scale factor) timer illness (div factor) n injections undefined 100? discipline counter discipline timer RAND \* 206 min sleep time 9 am - 9 pm

name

timer evol

n injections

undefined

sleep time

minimun weight

hungry/happy timer

discipline counter

discipline timer

timer illness (scale factor)

timer illness (div factor)

Ginjirotchi

30

4 days

86 min

50 ?

RAND + 2

9 am - 10 pm

520 min

name Kuchitamatchi minimun weight 20 timer evol 2 days hungry/happy timer 80 min timer illness (scale factor) timer illness (div factor) n injections undefined 50? discipline counter RAND + 2discipline timer RAND \* 480 min sleep time 9 am - 9 pm

Maskutchi

30

4 days

60 min

100?

206 min

11 am - 11 pm

n injections undefined 100? discipline counter discipline timer sleep time 9 am - 9 pm 10 Kuchipatchi name minimun weight 20 timer evol 2 days hungry/happy timer 65 min

Kuchitamatchi

20

2

0 ?

none

9 am - 10 pm

2 days

80 min

name

timer evol

minimun weight

hungry/happy timer

timer illness (scale factor)

timer illness (div factor)

timer illness (scale factor)

timer illness (div factor)

n injections

discipline counter

discipline timer

undefined

sleep time

id name Nyorotchi minimun weight minimun weight 10 timer evol timer evol 1 days hungry/happy timer hungry/happy timer 65 min timer illness (scale factor) timer illness (scale factor) timer illness (div factor) timer illness (div factor) n injections n injections undefined undefined 50? discipline counter discipline counter RAND + 2discipline timer discipline timer 206 min

9 am - 10 pm

sleep time

100? 520 min 10 am - 10 pm

Adult

sleep time

Tarakotchi

2 days

48 min

13 name Bill minimun weight 30 timer evol 6 days hungry/happy timer 86 min timer illness (scale factor) timer illness (div factor) n injections undefined 0 ? discipline counter discipline timer none sleep time 9 am - 10 pm

13 name Oyajitchi minimun weight 6 days timer evol hungry/happy timer 86 min timer illness (scale factor) timer illness (div factor) n injections undefined 0 ? discipline counter discipline timer none sleep time 9 am - 10 pm

Special

Tutorial pets follow a set and timed pattern, so the explanations below only apply to the pet when it is a child and up.

name

timer evol

n injections

undefined

sleep time

minimun weight

hungry/happy timer

discipline counter

discipline timer

timer illness (scale factor)

timer illness (div factor)

### Important variables that are reset by evolving

- Number of times you have been sick.
- Candy consumed counter.
- Care Mistakes.
- Discipline Mistakes. - Parameter[33].

Sick more often. Increases by 1 for every 3 candies. Not attending to hunger/happiness/light increases by 1. Do not discipline increases by 1. Still researching, important for special evolution.

#### Your pet is calling you

- When Tamagotchi's Hungry level reaches zero. Feed Tamagotchi meals to alleviate the call. You have 15 min to answer the call, or the care mistake is increased by 1.
- When Tamagotchi's Happy level reaches zero. Feed Tamagotchi snacks or play games with Tamagotchi to alleviate the call. You have 15 min to answer the call, or the care mistake is increased by 1.
- When Tamagotchi has gone to sleep. Turn off the lights to alleviate the call.
- You have 60 min to answer the call, or the care mistake is increased by 1. - When Tamagotchi wants unnecessary attention. Scold Tamagotchi to alleviate the call.
- You have 30 min to answer the call, or the discipline mistake is increased by 1.

## Feed your pet

- Tamagotchi a Meal
  - Hungry level is increased by 1. (Max 4) - Weight is increased by 1. (Max 99)
  - Hungry timer reset.
- Tamagotchi a Snack - Happy level is increased by 1. (Max 4)
  - Weight is increased by 2. (Max 99) - Sweets consumption increases by 1
  - Happy timer reset.

# When will your pet drop a level of happiness or hunger?

- Depends on the character[hungry/happy timer].

# Inject your pet

- If you are sick the game depending on the character assigns you a character[n injections]. - character[n injections] decreases by 1, upon reaching 0 your tamagotchi is healed.

# When does your pet get sick?

- Having 8 poops on the screen makes your pet sick. - If your pet spends 15 minutes with the hunger level at zero, it will get sick.
- Finally using the following formula to assign the timer:
  - s = character[scaler factor] d = character[div factor]
  - # time format [0 23]
  - x = character[time to wake up]y = character[bedtime]
  - timer = ((y x) \* 60 \* s) / d
  - timer = timer \* RAND

#### **Result of playing** - Win

- the weight decreases by 1, only up to the minimum weight. - Happy level is increased by 1. (Max 4) - Happy timer reset. - Lose

Discipline your pet

- the weight decreases by 1, only up to the minimum weight.

# - if your pet is misbehaving

- character[discipline] increased by 1. (Max 4)

- The timer is assigned following this formula: timer = character[discipline timer] \* RAND

When does your pet misbehave?

# When will your pet feel like pooping?

- Your pet will poop every 180 minutes.

# Known causes that lead to the death of your pet

- If your pet gets sick 3 or more times in the same day, it dies. - If your pet stops eating 5 times or more, it dies.

- If your pet goes 12 hours without eating, it dies. - If your pet spends 6 hours sick, it dies.

- Death by eating too many sweets, the algorithm is explained below:

x = number of candies / 3y = x \* 10

z = RAND \* 100# time format [0 - 23] a = character[time to wake up] b = character[bedtime] if x is greater than zero then:

if y < z then: timer = RAND \* (b - a) \* 60 - 1else: candies = 0

#### What happens when your pet wakes up? - Increase your age. (Max 99)

- Turn on the light. - Parameter[33] increased by 1.

# When does your pet evolve?

- Follow the following formula when waking up.

# time format [0 - 23] x = character[time to wake up] y = character[bedtime]

timer = RAND \* ((y - x) \* 60 - 121)

# III GROWTH CHART III

