

# Age Based Versioning v1.0

## Documentation [English]

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# Introduction

**Age Based Versioning** is a versioning that is determined based on the age of "*something*" (that it has been versioned with it) where it will continue to increase incrementally every 1 month. **Age Based versioning** starts from **Self v0+[first\_date][first\_month][first\_year]** or simply it start from 0 (example **Self v0+01012025**, means it has been *diversified* or *created* or *published* or *established*, etc. on the 1st of the month 1 and the year 2025) where the first two digits (after v) before reaching the age of one year are the age in months (example **Self v03+01042025**). When it has reached the age of 12 months, then the number 12 is used as the version for it instead of using the number 01 as a marker that it has reached the age of 1 year (example **Self v12+01012026**). When it reaches more than 1 year (exactly 1 year 1 month) then after **Self v12+01012026** the first two digits (after v) are the year (starting from 01) and the two digits after that (after the year) are the month (starting from 01, example **Self v01.01+01022026**).

**VERSION ADDITIONS RUN INCREMENTALLY AND AUTOMATICALLY, EVEN IF YOU HAVEN'T CHANGED THE PUBLIC INFORMATION, THE VERSION OF "SOMETHING" WILL ABSOLUTELY CONTINUE TO INCREASE.**

# Full Versioning Example and Explanation

## A) Structure

This section will describe the required and optional components of the Age Based Versioning structure.

**Example of full versioning and its array form:**

```
example = "Self v01.12+01012027_01012025"
```

```
array = [    // index
```

```
    "Self",  // 0
```

```
    " ",    // 1
```

```
    "v",    // 2
```

```
    "01",   // 3
```

```
    ".",   // 4
```

```
    "12",  // 5
```

```
    "+",   // 6
```

```
    "01",  // 7
```

```
    "01",  // 8
```

```
    "2027", // 9
```

```
    "_",   // 10
```

```
    "01",  // 11
```

```
    "01",  // 12
```

```
    "2025" // 13
```

```
]
```

## **Index Explanation**

### **# 0**

**Required.** The word "Self" is used to start every Age Based Versioning and is a distinctive feature that distinguishes it from other types of versioning. The word "Self" is case-sensitive which means "Self" with "self", "SELF", etc. are different. The writing must remain "Self" even if you are not using English.

### **# 1**

**Required.** After the word "Self" 1 space is required and only 1 space is valid which means that any other use is not permitted.

### **# 2**

**Required.** The letter "v" means "version" which is abbreviated and is used before the year or month number. Writing "v" without a space before the year and month number and this is case-sensitive which means that "v" and "V" are different and the use of other than "v" is not allowed.

### # 3

**Required.** This section can state the age of "*something*" in months or years (depending on the next section). If the next section is # 6 then this section states the age in months or less than one year old and valid values are from 0 to 12. If the next section is # 4 then this section states the age in years or more than 12 months and valid values are from 01 to infinity.

**IMPORTANT NOTE:** Index 3, 5, 7, 8, 9, 11, 12, and 13 are positive integers that represent months or years, if the value is less than 10 then the prefix 0 is added before it (for example Self v01.01+01022026\_01012025). In Age Based Versioning there are no negative numbers which means the value of the number in any index is always a positive number.

### # 4

**Required?.** The "." sign is used as a separator between years and months when the age of "*something*" has reached more than 12 months or 1 year (exactly when it is 1 year and 1 month).

## # 5

**Required?.** This section exists after the age of "something" is more than 12 months or 1 year and starts from 01 to 12. After reaching 12, in the following month this section is reset to 01 and index 3 is += 1 and so on.

## # 6

**Required.** The "+" sign is used to add update date information that changes incrementally every 1 month and is written after the version number age. Please note that there are no spaces before and after the "+" sign and the use of other symbols is not allowed.

## # 7

**Required.** This section states the date when "something" was *diversified* or *created* or *published* or *established*, etc. and will never change, this also applies to index 11.

## # 8

**Required.** This section states the current month which is always added incrementally when the current date is equal to the date in index 7 following changes in the date and month

## # 9

**Required.** This section states the current year which is always added incrementally following changes in the date and month.

**IMPORTANT NOTE:** Index 8 and 9 will always added incrementally follow the actual date in the Gregorian calendar and will affect the incremental addition in index 3 and 5.

## # 10, 11, 12, & 13

**Optional.** This section can be included or not in **Age Based Versioning**. This section contains information about the date when "*something*" was first *diversified* or *created* or *published* or *established*, etc. and is located after the update date separated by a "\_" character where using other characters is invalid. When you want to include this information, you must ensure that the age of "*something*" is more than **v0** or the versioning is invalid.

### B) Valid examples

The following are correct examples of writing Age Based Versioning.

- ✓ Self v0+01012025
- ✓ Self v02+01032025
- ✓ Self v03+01042025\_01012025
- ✓ Self v12+01012026
- ✓ Self v12+01012026\_01012025
- ✓ Self v01.01+01022026
- ✓ Self v01.02+01032026\_01012025

Apart from the examples above are **invalid!**