



anaïs berck
grafting trees

Tree graft:

We have nothing to fear and a great deal to learn from trees, that vigorous and pacific tribe which without stint produces strengthening essences for us, soothing balms, and in whose gracious company we spend so many cool, silent, and intimate hours.

Gardener:

Valentin Louis Georges Eugène Marcel Proust (French: [mɑʁsɛl pʁʊst]; 10 July 1871 – 18 November 1922), known as Marcel Proust, was a French novelist, critic, and essayist best known for his monumental novel *À la recherche du temps perdu* (In Search of Lost Time; earlier rendered as Remembrance of Things Past), published in seven parts between 1913 and 1927. He is considered by critics and writers to be one of the most influential authors of the 20th century.

New shoots:

We have a quantity of no importance to fear and a great a particular instance of buying or selling to learn from trees, that vigorous and the largest ocean in the world a social division of (usually preliterate) people which without an unbroken period of time during which you do something produces strengthening essences for us, soothing balms, and in whose gracious an institution created to conduct business we spend so many the quality of being at a refreshingly low temperature, marked by absence of sound, and intimate hours.

New shoots:

We have how much there is or how many there are of something that you can quantify of no importance to fear and a great a particular an occurrence of something of the act of buying or selling to learn from trees, that vigorous and the largest a large body of water constituting a principal part of the hydrosphere in the world a social an army unit large enough to sustain combat of (usually preliterate) people which without an unbroken an amount of time of an instance or single occasion for some event during which you do something produces strengthening essences for us, soothing balms, and in whose gracious an organization founded and united for a specific purpose created to conduct business we spend so many the an essential and distinguishing attribute of something or someone of being at a refreshingly low temperature marked by the state of being absent of sound, and intimate hours.

New shoots:

We have a how much there is or how many there are of something that you can quantify of no importance to fear and a great a particular an event that happens of something of the a legal document codifying the result of deliberations of a committee or society or legislative body of buying or selling to learn from trees, that vigorous and the largest a large the entire

structure of an organism (an animal, plant, or human being) of binary compound that occurs at room temperature as a clear colorless odorless tasteless liquid; freezes into ice below 0 degrees centigrade and boils above 100 degrees centigrade; widely used as a solvent constituting a principal something determined in relation to something that includes it of the hydrosphere in the world a social an a permanent organization of the military land forces of a nation or state any division of quantity accepted as a standard of measurement or exchange large enough to sustain combat of (usually preliterate) people which without an unbroken an a quantity of money of time of an an occurrence of something or single for some event during which you do something produces strengthening essences for us, soothing balms, and in whose gracious an an a group of people who work together founded and united for a specific purpose created to conduct business we spend so many the an essential and distinguishing a construct whereby objects or individuals can be distinguished of something or someone of being at a refreshingly low temperature, marked by the the territory occupied by one of the constituent administrative districts of a nation of being absent of sound, and intimate hours.

Tree graft:

To be poor and be without trees, is to be the most starved human being in the world. To be poor and have trees, is to be completely rich in ways that money can never buy.

Gardener:

Clarissa Pinkola Estés (born January 27, 1945) is an American poet, Jungian psychoanalyst, post-trauma recovery specialist, author and spoken word artist.

New shoots:

To be poor and be without trees, is to be the most starved human being in the **everything that exists anywhere**. To be poor and have trees, is to be completely rich in ways that **the most common medium of exchange; functions as legal tender** can never buy.

New shoots:

To be poor and be without trees, is to be the most starved human being in the everything that exists anywhere. To be poor and have trees, is to be completely rich in ways that the most common **a means or instrumentality for storing or communicating information of chemical process in which one atom or ion or group changes places with another**; functions as legal tender can never buy.

New shoots:

To be poor and be without trees, is to be the most starved human being in the everything that exists anywhere. To be poor and have trees, is to be completely rich in ways that the most common a means or **a subsidiary organ of government created for a special purpose** for storing or communicating information of chemical **a particular course of action intended to achieve a result** in which one **(physics and chemistry) the smallest component of an element** having the chemical properties of the element or **a particle that is electrically charged (positive or negative); an atom or molecule or group that has lost or gained one or more electrons or any number of entities (members) considered as a unit** changes places with another; functions as legal tender can never buy.

Tree graft:

Trees are poems that the earth writes upon the sky.

Gardener:

Gibran Khalil Gibran (/dʒɪˈbrɑːn/; [1] Arabic: جبران خليل جبران / ALA-LC: Jubrān Khalīl Jubrān or Jibrān Khalīl Jibrān), commonly known as Khalil—also „Kahlil“, as he used to sign his name in English—Gibran (January 6, 1883 – April 10, 1931) was a Lebanese–American writer, poet and visual artist, also considered a philosopher although he himself rejected this title in his lifetime. He is best known as the author of *The Prophet*, which was first published in the United States in 1923 and is one of the best-selling books of all time, having been translated into dozens of languages.

New shoots:

Trees are poems that the ***the 3rd planet from the sun; the planet we live on*** writes upon the ***the atmosphere and outer space as viewed from the earth.***

New shoots:

Trees are poems that the the 3rd (***astronomy***) ***any of the nine large celestial bodies in the solar system that revolve around the sun and shine by reflected light; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto in order of their proximity to the sun; viewed from the constellation Hercules, all the planets rotate around the sun in a counterclockwise direction*** from the ***the star that is the source of light and heat for the planets in the solar system; the (astronomy) any of the nine large celestial bodies in the solar system that revolve around the sun and shine by reflected light; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto in order of their proximity to the sun; viewed from the constellation Hercules, all the planets rotate around the sun in a counterclockwise direction*** we live on writes upon the ***the a particular environment or surrounding influence and outer the unlimited expanse in which everything is located*** as viewed from the earth.

New shoots:

Trees are poems that the the 3rd (***the branch of physics that studies celestial bodies and the universe as a whole***) ***any of the nine large celestial bodies in the solar instrumentality that combines interrelated interacting artifacts designed to work as a coherent entity*** that revolve around the ***the star that is the source of light and heat for the planets in the solar system and the quality of being bright and sending out rays of light*** by reflected (***physics***) ***electromagnetic radiation that can produce a visual sensation; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto in (often plural) a command given by a superior (e.g., a military or law enforcement officer) that must be obeyed*** of their ***the property of being***

close together to the the star that is the source of light and heat for the planets in the solar system; viewed from the an arrangement of parts or elements Hercules, all the planets rotate around the the star that is the source of light and heat for the planets in the solar system in a in the direction opposite to the rotation of the hands of a clock direction from the the (astronomy) a celestial body of hot gases that radiates energy derived from thermonuclear reactions in the interior that is the the place where something begins, where it springs into being of (physics) electromagnetic radiation that can produce a visual sensation and a form of energy that is transferred by a difference in temperature for the planets in the solar system; the (the branch of physics that studies celestial bodies and the universe as a whole) any of the nine large celestial bodies in the solar instrumentality that combines interrelated interacting artifacts designed to work as a coherent entity that revolve around the the star that is the source of light and heat for the planets in the solar system and the quality of being bright and sending out rays of light by reflected (physics) electromagnetic radiation that can produce a visual sensation; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto in (often plural) a command given by a superior (e.g., a military or law enforcement officer) that must be obeyed of their the property of being close together to the the star that is the source of light and heat for the planets in the solar system; viewed from the an arrangement of parts or elements Hercules, all the planets rotate around the the star that is the source of light and heat for the planets in the solar system in a in the direction opposite to the rotation of the hands of a clock direction we live on writes upon the the a particular the totality of surrounding conditions or surrounding influence and outer the unlimited a wide scope in which everything is located as viewed from the earth.

Tree graft:

And every young farmboy knows that the hardest and noblest wood has the narrowest rings, that high on the mountains and in continuing danger the most indestructible, the strongest, the ideal trees grow.

Gardener:

Hermann Karl Hesse (German: ['hɛʁman 'hesə]; July 2, 1877 – August 9, 1962) was a German-born poet, novelist, and painter. His best-known works include *Demian*, *Steppenwolf*, *Siddhartha*, and *The Glass Bead Game*, each of which explores an individual's search for authenticity, self-knowledge and spirituality. In 1946, he received the Nobel Prize in Literature.

New shoots:

And every young farmboy knows that the *not easy; requiring great physical or mental effort to accomplish or comprehend or endure* and noblest *the hard fibrous lignified substance under the bark of trees* has the narrowest rings, that high on the mountains and in continuing *the condition of being susceptible to harm or injury* the most indestructible, the strongest, the *the idea of something that is perfect; something that one hopes to attain* trees grow.

New shoots:

And every young farmboy knows that the not *posing no difficulty; requiring little effort*; requiring great physical or mental *earnest and conscientious activity intended to do or accomplish something* to accomplish or comprehend or endure and noblest the hard fibrous lignified *the real physical matter of which a person or thing consists* under the *tough protective covering of the woody stems and roots of trees and other woody plants* of trees has the narrowest rings, that high on the mountains and in continuing the *a state at a particular time* of being susceptible to harm or injury the most indestructible, the strongest, the *the content of cognition; the main thing you are thinking about* of something that is perfect; something that one hopes to attain trees grow.

New shoots:

And every young farmboy knows that the not posing no *an effort that is inconvenient*; requiring little effort; requiring great physical or mental *earnest and conscientious any specific behavior* intended to do or accomplish something to accomplish or comprehend or endure and noblest the hard fibrous lignified the real physical *a vaguely specified concern* of which a *a human being* or *a special situation* consists under the tough protective *a natural object that covers or envelops* of the *made of or containing or resembling wood* stems and roots of trees and other *made of or containing or resembling wood* plants of trees has the narrowest rings, that high on the mountains and in continuing the *a the territory occupied by one of the constituent*

administrative districts of a nation at a particular time of being susceptible to harm or injury the most indestructible, the strongest, the the the ***everything that is included in a collection and that is held or included in something of the psychological result of perception and learning and reasoning;*** the main ***a special situation*** you are thinking about of something that is perfect; something that one hopes to attain trees grow.

Tree graft:

A nation that destroys its soils destroys itself. Forests are the lungs of our land, purifying the air and giving fresh strength to our people.

Gardener:

Franklin Delano Roosevelt (/ˈroʊzəvəlt/, [1] /-vɛlt/; [2] January 30, 1882 – April 12, 1945), often referred to by the initials FDR, was an American statesman and political leader who served as the 32nd president of the United States from 1933 until his death in 1945. A member of the Democratic Party, he won a record four presidential elections and became a central figure in world events during the first half of the 20th century. Roosevelt directed the federal government during most of the Great Depression, implementing his New Deal domestic agenda in response to the worst economic crisis in U.S. history. As a dominant leader of his party, he built the New Deal Coalition, which realigned American politics into the Fifth Party System and defined American liberalism throughout the middle third of the 20th century. His third and fourth terms were dominated by World War II, which ended shortly after he died in office. He is rated by scholars as one of the three greatest U.S. presidents, along with George Washington and Abraham Lincoln, but has also been subject to substantial criticism.

New shoots:

A a politically organized body of people under a single government that destroys its soils destroys itself. Forests are the lungs of our the land on which real estate is located, purifying the a mixture of gases (especially oxygen) required for breathing; the stuff that the wind consists of and giving fresh the property of being physically or mentally strong to our people.

New shoots:

A a politically organized the entire structure of an organism (an animal, plant, or human being) of people under a single government that destroys its soils destroys itself. Forests are the lungs of our the the land on which real estate is located on which real everything you own; all of your assets (whether real property or personal property) and liabilities is located, purifying the a (chemistry) a substance consisting of two or more substances mixed together (not in fixed proportions and not with chemical bonding) of gases (especially oxygen) required for the bodily process of inhalation and exhalation; the process of taking in oxygen from inhaled air and releasing carbon dioxide by exhalation; the the tangible substance that goes into the makeup of a physical object that the air moving (sometimes with considerable force) from an area of high pressure to an area of low pressure consists of and giving fresh the something owned; any tangible or intangible possession that is owned by someone; of being physically or mentally strong to our people.

New shoots:

A a politically organized the entire **a thing constructed; a complex entity constructed of many parts** of an a living thing that has (or can develop) the ability to act or function independently (an a living organism characterized by voluntary movement, buildings for carrying on industrial labor, or human being) of people under a single government that destroys its soils destroys itself. Forests are the lungs of our the the **the land on which real estate is located** on which real everything you own; all of your assets (whether real property or personal property) and liabilities is located on which real everything you own ; all of your assets (whether real something owned; any tangible or intangible possession that is owned by someone; or personal something owned; any tangible or intangible possession that is owned by someone;) and liabilities is located, purifying the a (the science of matter; the branch of the natural sciences dealing with the composition of substances and their properties and reactions) a the real physical matter of which a person or thing consists consisting of two or more substances mixed together (not in fixed proportions and not with chemical a close personal relationship that forms between people (as between husband and wife or parent and child)) of gases (especially oxygen) required for the bodily a particular course of action intended to achieve a result of the act of inhaling; the drawing in of air (or other gases) as in breathing and exhaled breath; the a particular course of action intended to achieve a result of taking in a nonmetallic bivalent element that is normally a colorless odorless tasteless nonflammable diatomic gas; constitutes 21 percent of the atmosphere by volume; the most abundant element in the earth's crust from inhaled a mixture of gases (especially oxygen) required for breathing; the stuff that the wind consists of and releasing an abundant nonmetallic tetravalent element occurring in three allotropic forms: amorphous carbon and graphite and diamond; occurs in all organic compounds an oxide containing two atoms of oxygen in the molecule by exhalation; the the tangible the real physical matter of which a person or thing consists that goes into the cosmetics applied to the face to improve or change your appearance of a physical object that the air change location; move, travel, or proceed, also metaphorically (sometimes with considerable a powerful effect or influence) from an a particular geographical region of indefinite boundary (usually serving some special purpose or distinguished by its people or culture or geography) of high the force applied to a unit area of surface; measured in pascals (SI unit) or in dynes (cgs unit) to an a particular geographical region of indefinite boundary (usually serving some special purpose or distinguished by its people or culture or geography) of low pressure consists of and giving fresh the something owned; any tangible or intangible the act of having and controlling property that is owned by a human being; of being physically or mentally strong to our people.

THE CODE

```
#!/usr/bin/env/ python
# -*- coding: <utf-8> -*-

import nltk
from nltk.corpus import wordnet as wn
from nltk import word_tokenize
import nltk.data
import random
import re
import time
import wikipedia
import os
import sys
from colored import fg, attr

#ATTRIBUTES

bold = attr(1)
underlined = (4)
reset = attr(0)

## colors
white = fg(15)
spring_green = fg(48)
light_gray = fg(7)
sky_blue = fg(109)
yellow = fg(100)

# FUNCTIONS

def choose_a_tree(dict):
    collection = random.choice(list(trees.items()))
    # Give name gardener
    gardening = collection[0]
    cut = „ in „
    if cut in gardening:
        index = re.search(cut, gardening).start()
        gardener = gardening[:index]
        print („gardener“, gardener)
        source = gardening[index+3:]
        print („source“, source)
    else:
        gardener = gardening
        source = ‚Unknown‘
    # Trees (s)he planted
    tree = collection[1]
    # if (s)he planted more than 1 tree, pick 1
    if type(tree) == list:
        tree = random.choice(tree)
    return gardener, source, tree
```

```

# find bio gardener on Wikipedia
def bio(gardener):
    try:
        bio = wikipedia.page(gardener)
        short_bio = bio.summary
    except:
        short_bio = „{ }There is no English Wikipedia page about
        this person.{ }“.format(sky_blue, reset)
    return short_bio

# tokenize quote and get Part-of-Speech tags for each word
def growing(seed):
    plant_with_flowers = []
    # create tuple of tuples with pairs of word + POS-tag
    leaves = word_tokenize(seed)
    analyzing_soil = nltk.pos_tag(leaves)
    #print „analyzing_soil“, analyzing_soil
    # for each pair:
    for growing in analyzing_soil:
        #print „growing“, growing
        # look for nouns & replace them with their definition
        if growing[1] == „NN“:
            if wn.synsets(growing[0]):
                plant = wn.synsets(growing[0])
                #print „plant growing 0: „, plant
                plant_with_flowers.append(„{ }{ }{ }‘.
                format(spring_green, plant[0].definition(),
                white))
                #print „plant with flowers append: „, plant_
                with_flowers
            else:
                plant_with_flowers.append(growing[0])
        else:
            # non-nouns are left as words
            plant_with_flowers.append(growing[0])
    return plant_with_flowers

#remove ,<‘ and ,>‘
def windy_weather(tree_with_flowers):
    trimmed_tree = „ „.join(tree_with_flowers).replace(, .‘,
    ,.‘)
    return trimmed_tree

```

DATA

Collection of species & gardeners

trees = {„Hermann Hesse in Baume. Betrachtungen und Gedichte“:
[„For me, trees have always been the most penetrating
preachers.“, „Nothing is holier, nothing is more exemplary than
a beautiful, strong tree.“, „When a tree is cut down and reveals
its naked death-wound to the sun, one can read its whole history
in the luminous, inscribed disk of its trunk: in the rings of
its years, its scars, all the struggle, all the suffering, all
the sickness, all the happiness and prosperity stand truly
written, the narrow years and the luxurious years, the attacks
withstood, the storms endured.“, „And every young farmboy knows
that the hardest and noblest wood has the narrowest rings,
that high on the mountains and in continuing danger the most
indestructible, the strongest, the ideal trees grow.“, „Trees
are sanctuaries. Whoever knows how to speak to them, whoever
knows how to listen to them, can learn the truth. They do
not preach learning and precepts, they preach, undeterred by
particulars, the ancient law of life.“, „A tree says: A kernel
is hidden in me, a spark, a thought, I am life from eternal
life. The attempt and the risk that the eternal mother took
with me is unique, unique the form and veins of my skin, unique
the smallest play of leaves in my branches and the smallest
scar on my bark. I was made to form and reveal the eternal in
my smallest special detail.“, „A tree says: My strength is
trust. I know nothing about my fathers, I know nothing about the
thousand children that every year spring out of me. I live out
the secret of my seed to the very end, and I care for nothing
else. I trust that God is in me. I trust that my labor is holy.
Out of this trust I live.“, „So the tree rustles in the evening,
when we stand uneasy before our own childish thoughts: Trees
have long thoughts, long-breathing and restful, just as they
have longer lives than ours. They are wiser than we are, as
long as we do not listen to them. But when we have learned how
to listen to trees, then the brevity and the quickness and the
childlike hastiness of our thoughts achieve an incomparable joy.
Whoever has learned how to listen to trees no longer wants to
be a tree. He wants to be nothing except what he is. That is
home. That is happiness.“], „Maya Angelou“: [„When great trees
fall, rocks on distant hills shudder, lions hunker down in tall
grasses, and even elephants lumber after safety.“, „When great
trees fall in forests, small things recoil into silence, their
senses eroded beyond fear.“], „Chris Maser in Forest Primeval:
The Natural History of an Ancient Forest“: „What we are doing
to the forests of the world is but a mirror reflection of what
we are doing to ourselves and to one another.“, „Ralph Waldo
Emerson“: „The creation of a thousand forests is in one acorn.“,
„William Blake“: „The tree which moves some to tears of joy is
in the eyes of others only a green thing that stands in the way.
Some see nature all ridicule and deformity... and some scarce
see nature at all. But to the eyes of the man of imagination,
nature is imagination itself.“, „John Lubbock in The Use Of
Life“: „Rest is not idleness, and to lie sometimes on the grass

under trees on a summer's day, listening to the murmur of the water, or watching the clouds float across the sky, is by no means a waste of time.“, „Franklin D. Roosevelt“: „A nation that destroys its soils destroys itself. Forests are the lungs of our land, purifying the air and giving fresh strength to our people.“, „Kahlil Gibran in Sand and Foam“: „Trees are poems that the earth writes upon the sky.“, „Clarissa Pinkola Estes in The Faithful Gardener: A Wise Tale About That Which Can Never Die“: „To be poor and be without trees, is to be the most starved human being in the world. To be poor and have trees, is to be completely rich in ways that money can never buy.“, „Dorothy Parker in Not So Deep As A Well: Collected Poems“: „I never see that prettiest thing, a cherry bough gone white with Spring. But what I think, how gay it would be to hang me from a flowering tree.“, „Jodi Thomas in Welcome to Harmony“: „When trees burn, they leave the smell of heartbreak in the air.“, „Santosh Kalwar“: „All our wisdom is stored in the trees.“, „Thomas Hardy in Under the Greenwood Tree“: „To dwellers in a wood, almost every species of tree has its voice as well as its feature.“, „Vera Nazarian in The Perpetual Calendar of Inspiration“: „Listen to the trees as they sway in the wind. Their leaves are telling secrets. Their bark sings songs of olden days as it grows around the trunks. And their roots give names to all things. Their language has been lost. But not the gestures.“, „Andrea Koehle Jones in The Wish Trees“: „I'm planting a tree to teach me to gather strength from my deepest roots.“, „Marcel Proust“: „We have nothing to fear and a great deal to learn from trees, that vigorous and pacific tribe which without stint produces strengthening essences for us, soothing balms, and in whose gracious company we spend so many cool, silent, and intimate hours.“, „Bernd Heinrich in The Trees in My Forest“: „The very idea of managing a forest in the first place is oxymoronic, because a forest is an ecosystem that is by definition self-managing.“, „Mokokoma Mokhonoana“: „Plants are more courageous than almost all human beings: an orange tree would rather die than produce lemons, whereas instead of dying the average person would rather be someone they are not.“, „George Orwell“: „The planting of a tree, especially one of the long-living hardwood trees, is a gift which you can make to posterity at almost no cost and with almost no trouble, and if the tree takes root it will far outlive the visible effect of any of your other actions, good or evil.“, „Richard Mabey in Beechcombings: The narratives of trees“: „To be without trees would, in the most literal way, to be without our roots.“, „Seneca“: „When you enter a grove peopled with ancient trees, higher than the ordinary, and shutting out the sky with their thickly inter-twined branches, do not the stately shadows of the wood, the stillness of the place, and the awful gloom of this doomed cavern then strike you with the presence of a deity?“, „Tim Flannery in Peter Wohllebens The Hidden Life of Trees“: „A tree's most important means of staying connected to other trees is a wood wide web of soil fungi that connects vegetation in an intimate network that allows the sharing of an enormous amount of information and

goods.“, „Terry Pratchett in Good Omens: The Nice and Accurate Prophecies of Agnes Nutter, Witch“: „Jaime had never realised that trees made a sound when they grew, and no-one else had realised it either, because the sound is made over hundreds of years in waves of twenty-four hours from peak to peak. Speed it up, and the sound a tree makes is vroom.“, „Kamand Kojouri“: „Think the tree that bears nutrition: though the fruits are picked, the plant maintains fruition. So give all the love you have. Do not hold any in reserve. What is given is not lost; it shall return.“, „Jim Robbins in The Man Who Planted Trees: Lost Groves, Champion Trees, and an Urgent Plan to Save the Planet“: [„Planting trees may be the single most important ecotechnology that we have to put the broken pieces of our planet back together.“, „What an irony it is that these living beings whose shade we sit in, whose fruit we eat, whose limbs we climb, whose roots we water, to whom most of us rarely give a second thought, are so poorly understood. We need to come, as soon as possible, to a profound understanding and appreciation for trees and forests and the vital role they play, for they are among our best allies in the uncertain future that is unfolding.“], „Laura Lafargue in Correspondence Volume 2 1887-1890“: „I wish the trees would go into leaf that I might find out what they are. In their present undress I cannot recognise them. It’s true that I doubt if I should know my best friends—men or women—with their clothes off.“, „Scott Blum in Waiting for Autumn“: „I’m such a fan of nature, and being with the trees every day fills me with joy.“, „Mehmet Murat ildan“: [„Why pay money for the horror movies? Just go to a street without trees!“, „When you save the life of a tree, you only pay your debt as we all owe our lives to the trees!“}]

```
# GROWTH
```

```
gardener, source, tree = choose_a_tree(trees)
short_bio = bio(gardener)
```

```
# generate metadata
os.system('clear')
print(„Gardener: {}{}{}\n‘.format(bold, gardener, reset))
print (short_bio)
```

```
while len(tree) < 15000:
    os.system('clear')
```

```
    # offer growing tree
    print(„Tree graft: „ + ,\n‘ + tree + ,\n‘)
```

```
    # cultivating the tree
    tree_with_shoots = growing(tree)
    trimmed_tree = windy_weather(tree_with_shoots)
    print(„New shoots:“ + ,\n‘+ trimmed_tree +“\n“)
```

```
    # tree grows again
    tree = trimmed_tree
```

Grafting Trees

Imagine books as transformed trees. Some live only for a year, others for ten years, some stay alive during centuries. What would a graft of one of those trees look like?

'Grafting trees' takes quotes about trees from existing works. Depending on the circumstances, these grafts grow fast or slow. In this work each graft is defined by its gardener, who is present with a short biography scraped from Wikipedia. The graft grows during three following seasons. The growth is indicated in **bold/italics**. The speed of the growth is dependent on the presence of the nouns in Wordnet.

Wordnet is a combination of a dictionary and a thesaurus that can be read by machines. According to Wikipedia it was created in the Cognitive Science Laboratory of Princeton University starting in 1985. The project was initially funded by the US Office of Naval Research and later also by other US government agencies including DARPA, the National Science Foundation, the Disruptive Technology Office (formerly the Advanced Research and Development Activity), and REFLEX.

'Grafting trees' uses Part-of-Speech* to define all nouns in a specific sentence. Each noun is then replaced by its definition in Wordnet. This allows the sentence to grow autonomously and infinitely. The recipe of 'Grafting trees' was inspired by Oulipo's constraint of 'Littérature définitionnelle', invented by Marcel Benabou in 1966: in a given phrase, one replaces every significant element (noun, adjective, verb, adverb) by one of its definitions in a given dictionary; one reiterates the operation on the newly received phrase, and again. The collection of quotes was taken from <https://onetreeplanted.org/blogs/stories/inspirational-quotes-about-trees>.

*Parts-of-Speech is a category of words: noun, verb, adjective, adverb, pronoun, preposition, conjunction, interjection, and sometimes numeral, article, or determiner. NLTK, or the Natural Language Toolkit allows to parse a sentence into words. Next, it includes an pretrained algorithm that can determine the part-of-speech of each word in that sentence.

The author

Anaïs Berck is a tree greffier. She invented the word in order to integrate her activities as a nature guide, writer, artist-programmer and practitioner of meditation. Anaïs likes to explore the presence of and care for flora in the physical world, as well as in the digitized world. By combining sensuous and technical tools, she gives form to stories that live where the physical and the virtual meet. Anaïs Berck is a member of Algolit, a workgroup around i-literature, free code and texts in Brussels.

www.anaisberck.be
www.algolit.net

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