

#### TENSE AND ASPECT IN ENGLISH

## English has three types of tense:

- (1) a. It will rain tomorrow.
  - b. It rains a lot.
  - c. It rained yesterday.

Future Present Past

## and three types of aspect:

- (2) a. It will rain/rains/rained.
  - b. It will be/is/was raining.
  - c. It will have/has/had rained.

Simple Progressive Perfect



#### TENSED VS. TENSELESS LANGUAGES

English obligatorily marks tense on a verb or auxiliary.

(3) a.\*It rain/rains/will rain yesterday. b.\*It rain/rained tomorrow.

Not so in Mandarin Chinese.

(Liu 2015)

Similarly, Cantonese, Hawaiian, Statimcets, etc.

#### 'SIMPLE PRESENT'

In English Stative predicates in Simple Present express states that hold at the time of utterance.

- (5) a. *Paul likes apples*.
  - b. Paul is happy.
  - c. 19 is a prime number.

Eventive predicates in Simple Present express one of two things:

- (6) a. The train arrives at 3 pm. **Scheduled Future** b. Paul smokes.

Habitual

⇒ Simple Present is not always semantically simply present

Compare (6) to Simple Past or Simple Future.

#### PAST VS. NON-PAST

Japanese is a language with two tense categories, past vs. non-past (but also infinitival, gerundive, conditionals, etc.).

(7) a. 
$$\begin{cases} ima & (now) \\ ashita & (tomorrow) \end{cases}$$
  $\begin{cases} ie-ni & kaer-e-ru. \\ house-to return-can-NPST \end{cases}$ 

'It is/will be possible to go home now/tomorrow.'

kinoo ie-ni kaer-e-ta.
 yesterday house-to return-can-PAST
 'It was possible to go home yesterday.'

Other languages with past vs. non-past: Finnish, Korean, etc.

## **MORE PASTS**

-jáy

-tíy

-siy

-jadá

one day ago

within a few weeks

within a few months

distant or legendary past

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à kè tán'ń
              'he bargained vesterday'
à lè tán'ń
              'he bargained some days ago'
à lè lá?ń'tán
              'he bargained a long time ago'
                                 (Bamileke-Dschang, Comrie 1985: 11)
twákôma
            we tied up earlier today
                                           (hodiernal)
tukomíle
            we tied up vesterday
                                           (hesternal)
túkakôma
            we tied up before yesterday
                                           (remote)
                                           (Haya, Comrie 1985: 90)
-jásiy
       within a few hours
```

(Yagua, Comrie 1985: 99)

Possible project: semantic vs. morphological markedness

## NON-PAST INTERPRETATIONS OF PAST

Affective connotation (Norwegian, Comrie 1985: 20)

(8) detta smakte godt 'This tastes (lit. tasted) good!'

'Remind me' reading (German, Comrie 1985: 20)

(9) Wer bekam die Gulaschsuppe? 'Who receives (lit. received) the goulash soup?'

Near future (Russian, Comrie 1985: 20)

(10) Ja pošel.

'I'm leaving (lit. left).'

Imperatives (Russian, Japanese)

Possible project: Investigate how your language uses past tense in 'non-canonical' ways.

#### **FUTURE IN ENGLISH**

There's a theoretical debate as to whether Future is a tense category at all in English and other languages.

English treats the future marker *will* on a par with modal auxiliaries like *may*, *must*, *can*, *shall*, etc.

Note that these have 'past forms': would, might, could, should, etc.

In addition to will, Modern English also has:

- be going to
- Progressive for Near Future

Note that similar variation isn't found in Present or Past.

## FUTURE IN OTHER LANGUAGE

In Romance languages, future is a suffix, but is attached to the infinitival form of the verb, unlike other tense markers.

German can but don't need to mark future, e.g. *Ich gehe morgen* vs. *Ich werde morgen gehen* (also Finnish).

Hua is said to be a language that only distinguishes future vs. non-future.

Possible project: Ways of expressing future

# EMBEDDED TENSE AND SEQUENCE OF TENSE

#### ABSOLUTE TENSE

Unembedded tenses are interpreted relative to the time of utterance (absolute tenses).

- (11) a. *John is sick*. (now)
  - b. John was sick. (before now) (after now)
  - c. John will be sick.

No language seems to have an absolute tense category that is relative to some absolute time, e.g. the birth of Jesus.

Embedded tenses are not always absolute.

# **SEQUENCE OF TENSE**

English is a *Sequence of Tense (SoT)* language: simultaneity is expressed by matching tense.

- (12) a. John believed that Mary was pregnant.
  - b. John believed that Mary is pregnant.

(12b) has a 'double access reading' (Mary was and still is pregnant, according to John).

# SEQUENCE OF TENSE

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Japanese, Russian, Hebrew, etc. are non-SoT languages. What corresponds to (12b) expresses simultaneity.

(13) John-wa [ Mary-ga ninshinshitei-ru to ] omot-ta.
John-top [ Mary-nom be.pregnant-PRES C ] think-PAST

## **RELATIVE TENSE**

Japanese embedded tenses receive 'relative interpretations': they are evaluated with respect to the embedding tense.

- (14) a. John-wa [ Mary-ga ninshinshitei-ru to ] omot-ta.
  John-top [ Mary-nom be.pregnant-PRES C ] think-PAST

  Present of the Past = simultaneious
  - b. John-wa [ Mary-ga ninshinshitei-ta to ] omot-ta. John-top [ Mary-nom be.pregnant-PAST C ] think-PAST Past of the Past

Past-under-past in English is ambiguous between simultaneous and Past-of-the-Past. Past Perfect is unambiguously Past-of-the-Past.

(15) a. John thought that Mary was pregnant.b. John thought that Mary had been pregnant.

#### SLAVIC

Polish is non-SOT, like Japanese:

- (16) a. Ania powiedziala ze Marcin <u>jest</u> chory.

  Ania said that Marcin is.PRES sick

  'Anna said that Marcin was sick.'
  - b. Ania powiedziala ze Marcin <u>byl</u> chory.
    Ania said that Marcin had been sick '

(Sharvit 2014: 263)

In *before*-clauses, it's like English (Pres ungrammatical).

(17) Ania przyszia na przyjecie zanim Marcin przysedi.
Ania came to party before Marcin came.PAST
'Ania came before Marcin came.' (Sharvit 2014: 263)

In Japanese it has to be Present.

#### RFI ATIVE FUTURE IN ENGLISH

With respect to future, English tenses work like Japanese.

- (18) a. John will say that he is happy.b. John will say that he was happy.
- ► (18a) can be now, or the same time as the future saying time.
- ► (18b) is anytime before the future saying time.

Possible project: Describe how tense marking is interpreted in different embedding contexts, and compare it to English.

## CONDITIONALS

English tense in *if*-clauses is a little funny.

*Will* is completely banned (unless it has a modal meaning). 'Present' is used instead.

(19) a.\*If it will rain tomorrow, I will bring an umbrella.b. If it rains tomorrow, I will bring an umbrella.

NB: (19a) is grammatical in some languages, e.g. Russian.

Past can have past meaning, but it can also mean 'counterfactual' (also marked in the consequent).

- (20) a. If she <u>called</u> Paul this morning, he will call us soon.b. If she <u>called</u> Paul tomorrow, he would be upset.
- ⇒ Present doesn't always mean present and past doesn't always mean past!



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## and three types of aspect:

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  - b. It will be/is/was raining.
  - c. It will have/has/had rained.

Future Present Past

Simple Progressive Perfect

#### **PROGRESSIVE**

English Progressive is obligatory for ongoing events.

- (23) a. Paul smokes.
- b. Paul is smoking.

In French, Dutch, German, Hungarian, Armenian, etc. the simple form can express the progressive meaning.

Progressive is compatible with stative predicates as long as eventive readings are available ('aspectual coersion').

- (24) a. He is being silly. b. He is liking it. c.??He's knowing French.
- Cf. He lives in London vs. He is living in London.

#### PFRFFCT

What Perfect means in English is a matter of debate.

There seem to be several readings for Present Perfect.

(25) a. John has been sick.

Continuous state

b. *John has left.* 

Continuous result state?

c. John has been to Rome.

Experiential

Cf.

(26) a??John F. Kennedy has been assassinated!b. Boris Johnson has been assassinated!

#### 'PRESENT PERFECT PUZZLE'

Puzzle: Present Perfect is bad with certain temporal adverbials.

- (27) a.\*Paul has left at 3 pm.
  - b.\*Paul has been sick last week.
    - cf. Paul has just left, Paul has been sick lately.
  - c. \*Paul has enjoyed the last party.

#### Past Perfect is fine.

- (28) a. Paul had left at 3 pm.
  - b. Paul had been sick the previous week.
  - c. Paul had enjoyed the previous party.

#### Infinitival Perfect too:

- (29) a. Paul seems to have left at 3 pm.
  - b. Paul seems to have been sick last week.
  - c. Paul seems to have enjoyed the last party.

#### **FRENCH**

French has more aspectual categories in the past tense than in the present tense.

(30) a. II a <u>bu</u>.
he has drunk.
'He drank'
b. II <u>buvait</u>
he drank
'He was drinking'

**Passé Composé** 

**Imparfait** 

Simple Past (Passé Simple) in French (e.g. *but* 'drank') is obsolete.

## GRAMMATICAL ASPECT/VIEWPOINT ASPECT

The term *aspect* is often used for two different ideas.

**Viewpoint aspect**: different ways of locating the eventuality with respect to tense.

(31) a. // a bu. he has drunk. 'He drank'

Passé Composé

b. *Il* <u>buvait</u> he drank 'He was drinking'

**Imparfait** 

Roughly: Passé Composé places the entire event within the time under question, while Imparfait describes it as an ongoing event during the time under question.

#### INNER ASPECT/LEXICAL ASPECT/AKTIONSART

**Lexical aspect/Aktionsart**: the structure of the eventuality being described.

#### **Vendler Classes**

- States: uniform, lasts for some time e.g. know, be happy
- Activities: non-uniform, no endpoint e.g. run, cry
- Achievements: with endpoint, instantaneous e.g. reach the summit, notice me
- Accomplishments: with endpoint, temporal extension e.g. build the house

Certain linguistic phenomena are sensitive to these classes.

#### PROGRESSIVES AND AKTIONSARTEN

**States** are incompatible with progressives. Coersion to non-states makes them acceptable.

(32) ??Paul is knowing the truth.

Activities turn into states (or Near Future).

(33) Paul is running/crying/dancing.

Achievements only have Near Future readings.

(34) Paul is reaching the summit.

**Accomplishments** can have Near Future readings, or describe on-going events.

(35) Paul is building the house.

#### TEMPORAL ADVERBIALS

For-adverbials are not good with events with endpoints.

- (36) a. Paul was asleep for 3 hours.
  - b. Paul danced for 3 hours.
  - c.??Paul reached the summit for 3 hours.

d??Paul built the house for 3 hours.

*In*-adverbials are only good with events with endpoints.

- (37) a??Paul was asleep in 3 hours.
  - b??Paul danced in 3 hours.
    - c. Paul reached the summit in 3 hours.
    - d. Paul built the house in 3 hours.

But coersion might allow you to use the expression in a non-canonical way:

(38) Paul cleaned the flat for/in 3 hours.

#### AKTIONSARTEN AND COMPOSITION

In English Aktionsarten are determined at the VP-level.

(39)	a.	Paul ran.	Activity
	b.	Paul ran to the park.	Accomplishment

- (40) a. *Paul ate a chocolate.* Accomplishment b. *Paul ate chocolate.* Activity
- (41) a. *Paul ran*. Activity b. *Paul didn't run*. State

In Slavic, each verb has a fixed Aktionsart. Perfectives generally have an endpoint, imperfectives don't.

#### **ENGLISH: SIMPLE**

Simple Past in English doesn't overtly mark Viewpoint Aspect or Aktionsart.

- (42) a. Paul lived in France.
  - b. Paul ran in the gym.
  - c. Paul noticed me.
  - d. Paul built the house.

imperfective, state imperfective, activity perfective, achiev. perfective, accompl.

Progressive turns perfectives into imperfectives.

#### SLAVIC

Russian has **perfective** vs. **imperfective** forms of verbs.

(43) a. Ja pročital knigu.
me.NOM PERF.read.PAST book.ACC
'I finished reading a/the book.' perfective
b. Ja <u>čital</u> knigu.
me.NOM IMPERF.read.PAST book.ACC
'I was reading a/the book.' imperfective

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In the 'Present', the perfective expresses Future, the imperfective expresses an ongoing event.

'I am reading a/the book.'

(44) a. Ja pročitaju knigu.
 me.NOM PERF.read.PRES book.ACC
 'I will finish reading a/the book.'
 b. Ja <u>čitaju</u> knigu.
 me.NOM IMPERF.read.PRES book.ACC

imperfective

#### **MARKEDNESS**

Perfectives in Slavic generally describe events with a natural endpoint (telic), and imperfectives don't (atelic).

In Slavic, imperfective seems to be semantically unmarked:

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(45) a. Ne pročitaj knigu.
not PERF.read.IMP book.ACC
'Don't read a/the book.' perfective
b. Ne čitaj knigu.
Not IMPERF.read.IMP book.ACC
'Don't read a/the book.' imperfective
```

Possible project: Markedness in the aspectual domain

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