

FrameCorp: Uma Proposta de Aplicação da Semântica de *Frames* para a Anotação de *Corpus*

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FrameCorp

- Investigação semântico-computacional do léxico do Português do Brasil a partir da Semântica de Frames (Fillmore, 1982, 1985).
- Corpus utilizado: PLN-Br Gold.
- Duração de 4 anos, iniciando em 2008.
- Aplicação: construção de um corpus com anotação semântica.

Projeto Interinstitucional: FrameNet.Br

- Os resultados descritivos do FrameCorp serão utilizados na confecção de uma segunda aplicação: o FrameNet.Br.
- O FrameNet.Br se trata de um produto a ser desenvolvido em projeto interinstitucional tomando como modelo o projeto pioneiro de língua inglesa.

FrameNet

- Base de dados lexicais on line para a Língua Inglesa.
- Desenvolvida segundo os preceitos da Semântica de Frames.
- Pretende descrever todas as possibilidades combinatórias sintático-semântica do léxico (valência sintático-semântica).
- Para isso, utiliza evidências empíricas.

FrameNet - Windows Internet Explorer

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http://framenet.icsi.berkeley.edu/

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↻

↺

↻

↺

↻

↺

↻

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↻

↺

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🏠

📡

🖨

📄

🔧

Página

Ferramentas

FrameNet



search...

🔍

Main Menu

Home

View FrameNet Data

News

Licensing FrameNet Data

FAQs

The Book (PDF)

Presentations and Talks

FrameNet Related Projects

Publications and Papers

FN2 Forum

Staff

Users

Funding

Current Project Status

Contact Us

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Home

Welcome to FrameNet

The Berkeley FrameNet project is creating an on-line lexical resource for English, based on frame semantics and supported by corpus evidence. The aim is to document the range of semantic and syntactic combinatory possibilities (valences) of each word in each of its senses, through computer-assisted annotation of example sentences and automatic tabulation and display of the annotation results. The major product of this work, the FrameNet lexical database, currently contains more than 10,000 lexical units (defined below), more than 6,100 of which are fully annotated, in more than 825 semantic frames, exemplified in more than 135,000 annotated sentences. It has gone through three releases, and is now in use by hundreds of researchers, teachers, and students around the world (see [FrameNet Users](#)). Active research projects are now seeking to produce comparable frame-semantic lexicons for other languages and to devise means of automatically labeling running text with semantic frame information.

Last Updated (Feb 15, 2007 at 01:06 PM)

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The "Book" v1.3 Available for Download

Our main project document, "FrameNet II: Extended Theory and Practice" gives a basic introduction to frame semantics and offers guidelines for frame semantic annotation, discussing in detail the inventories of grammatical functions and phrase types that we use. The document includes a discussion of the frame development process and a consolidated list of frame-general, extra-thematic frame elements. Our latest version contains some general updates plus a new section on frame relations

Version 1.3 is available in [PDF](#) and [HTML](#).

Full-Text Annotation

In addition to our ongoing lexicographic work, FrameNet also annotates continuous texts as a demonstration of how frame semantics can contribute to text understanding. This style of annotation typically involves marking frame elements of frames evoked by multiple predicates in each sentence or even in each clause. [Follow this link to FrameNet continuous text annotation.](#)

Last Updated (Aug 01, 2006 at 12:14 PM)

Recently Changed Frames

Awareness

Buildings

Expertise

Fullness

Usefulness

Inicio

FrameNet - Windows Int...

11:16



Main Menu

[Home](#)
[View FrameNet Data](#)
[News](#)
[Licensing FrameNet Data](#)
[FAQs](#)
[The Book \(PDF\)](#)
[Presentations and Talks](#)
[FrameNet Related Projects](#)
[Publications and Papers](#)
[FN2 Forum](#)
[Staff](#)
[Users](#)
[Funding](#)
[Current Project Status](#)

[Contact Us](#)

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This material is based in part upon work supported by the National Science Foundation under Grant No. 0535297. Any opinions, findings and conclusions or recommendations expressed in

[Top of Frame Index](#) | [Top of Lexical Unit Index](#) |

Competition

Definition:

This frame is concerned with the idea that people (Participant_1, Participant_2, or Participants) participate in an organized rule governed activity (the Competition) in order to achieve some advantageous outcome (often the Prize). Rank and Score are different criteria by which the degree of achievement of the advantageous outcome is judged.

FEs:

Core:

Competition [Comp] This FE is used for the name of the competition.

Jo **PLAYED** **in the foosball tournament**

Participant_1 [Participant_1] This FE identifies the first (or only) participant in a competition.

Jo **PLAYED** the lottery every day.

Participant_2 [Participant_2] This FE identifies the second participant in a competition.

Jo **PLAYED** **Leslie** at tennis.

Participants [Participants] This FE is used for plural NP participants in a competition.

The Yankees **PLAYED** in the World Series.

Non-Core:

Degree [Degree] This FE describes the intensity of competition.

Semantic Type

Degree

Duration [Duration] FN: This FE is used to describe the length of time over which competition occurs.

Semantic Type

Duration

Manner [Manner] The way the **Participants** compete.

Semantic Type

Manner

Inherits From:
Is Inherited By:
Subframe of:
Has Subframes: [Finish_competition](#)
Precedes:
Is Preceded by:
Uses: [Intentionally_act](#)
Is Used By: [Alliance](#)
Perspective on:
Is perspectivized in:
Is Causative of:
See Also:

Lexical Units

challenge.n, compete.v, competition.n, competitive.a, competitor.n, play.v, rival.n, rivalry.n

Created by miriamp on Wed Nov 21 15:41:51 PST 2001

Lexical Unit Information

Lexical Unit	LU Status	Lexical Entry Report	Annotation Report
challenge.n	Created	LE	
compete.v	Created	LE	
competition.n	Add_Annotation	LE	Anno
competitive.a	Created	LE	
competitor.n	Finished_Initial	LE	Anno
play.v	Finished_Initial	LE	Anno
rival.n	Created		
rivalry.n	Created		

Last Updated (Wed, 2 Jan 2008 14:46:16 -0800)

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Exemplos

Competition [Comp] This FE is used for the name of the competition.

Jo **PLAYED** **in the foosball tournament**

Participant 1 [Participant -1] This FE identifies the first (or only) participant in a competition.

Jo **PLAYED** the lottery every day.

Participant 2 [Participant -2] This FE identifies the second participant in a competition.

Jo **PLAYED** **Leslie** at tennis.

Participants [Participant -S] This FE is used for plural NP participants in a competition.

The Yankees **PLAYED** in the World Series.

Anotação de frames com SALTO

- Estudo preliminar como verbo *jogar*:
- Foram analisadas 70 sentenças com o verbo *jogar*.

<i>Frame</i>	Ocorrências
Competition	60
Copmpetition/being employed	04
Cause motion	03
Self motion	03
Total	70

Concordancias_Jogar

R W I L

All sentences

Show all frames

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The diagram illustrates a semantic network for the sentence: "O time volta a jogar em o próximo dia 25 , contra o Santos , por a Copa de os Campeões_Mundiais .". The network is structured as follows:

- Competition** (green box) is the central frame, connected to:
 - Participant_1** (green box) via a green arc, which points to the word "time".
 - Participants** (white box) via a vertical line, which points to the word "jogar".
 - Time** (green box) via a green arc, which points to the phrase "o próximo dia 25".
 - Participant_2** (green box) via a green arc, which points to the phrase "contra o Santos".
 - Competition** (green box) via a green arc, which points to the phrase "por a Copa de os Campeões_Mundiais".
- Participants** (white box) is connected to the word "jogar".
- Time** (green box) is connected to the phrase "o próximo dia 25".
- Participant_2** (green box) is connected to the phrase "contra o Santos".
- Competition** (green box) is connected to the phrase "por a Copa de os Campeões_Mundiais".

The sentence is displayed at the bottom of the window, with words and phrases separated by vertical lines. The words are: "O", "time", "volta", "a", "jogar", "em", "o", "próximo", "dia", "25", ",", "contra", "o", "Santos", ",", "por", "a", "Copa", "de", "os", "Campeões_Mundiais", ".".

s37: O time volta a jogar em o próximo dia 25 , contra o Santos , por a Copa de os Campeões_Mundiais .

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37 / 60

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