# DMP du projet "SPPAS - the automatic annotation and analyses of speech"

*Plan de gestion de données créé à l'aide de DMP OPIDoR, basé sur le modèle "Research Software Management Plan template (PRESOFT project)" fourni par PRESOFT projet.*

## Plan Details

| | |
|---|---|
| **Plan title** | DMP du projet "SPPAS - the automatic annotation and analyses of speech" |
| **Version** | Version intermédiaire |
| **Language** | fra |
| **Creation date** | 2019-11-22 |
| **Last modification date** | 2021-07-08 |
| **Identifier** | 4296 |

## Project Details

| | |
|---|---|
| **Project title** | SPPAS - the automatic annotation and analyses of speech |
| **Acronym** | SPPAS |
| **Abstract** | SPPAS - the automatic annotation and analyses of speech, is a scientific computer software tool, daily developed with the aim to be a robust and reliable software. |

Available for free, with open source code, there is simply no other package for linguists to simple use in the automatic annotations of speech, the analyses of any kind of annotated data and the conversion of annotated files:

- SPPAS is able to produce **automatically annotations** from a recorded speech sound and its orthographic transcription.
- SPPAS is helpful for the **analysis of any annotated data**: estimate statisticaldistributions, make requests, manage files, visualize annotations.
- SPPAS offers a file **converter** from/to a wide range of formats: xra, TextGrid, eaf, trs...

| | |
|---|---|
| **Start date** | 2011-02-01 |
| **Partners** | |

- Speech and language laboratory (201220301U)

**Produits de recherche :**

1. SPPAS - the automatic annotation and analyses of speech (Logiciel)

**Contributeurs**

| Nom | Affiliation | Rôles |
|---|---|---|
| Brigitte Bigi | | • Coordinateur du projet<br>• Personne contact pour les données<br>• Responsable du plan de gestion de données |

Droits d'auteur :

# DMP du projet "SPPAS - the automatic annotation and analyses of speech"

## 1. Metadata

SPPAS - the automatic annotation and analyses of speech

SPPAS is a Research Solftawe useful in the automatic annotations of speech, the analyses of any kind of annotated data and the conversion of annotated files.

http://www.sppas.org/

https://sourceforge.net/projects/sppas

contact@sppas.org
develop@sppas.org

Laboratoire Parole et Langage, UMR7309, Aix-en-Provence, France

Brigitte Bigi, CNRS

Question sans réponse.

Question sans réponse.

source code : GNU GPL v3.0 or later ; documentations : GFDL version 1.3 ; resources et samples : Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International

**1.2 Computer sciences** (1.2.2 Artificial Intelligence)
6.2.3 Linguistics

Artificial Intelligence,
Speech technologies,
Automatic annotation,
Automatic analysis,
Interoperability,

Multimodality,
Speech,
Audio,
Video
Corpus linguistics

Question sans réponse.

Question sans réponse.

## 2.1 Software context: History

Question sans réponse.

Question sans réponse.

Question sans réponse.

Required: Python,
Optional: WxPython, Julius CSR engine, OpenCV-contrib, simpleaudio, gstreamer

Question sans réponse.

Question sans réponse.

Question sans réponse.

**The main reference:**
*Brigitte Bigi (2015).* **SPPAS - Multi-lingual Approaches to the Automatic Annotation of Speech** . In "the Phonetician" - International Society of Phonetic Sciences, ISSN 0741-6164, Number 111-112 / 2015-I-II, pages 54-69. Get it >>>
Other references are available in the "References" chapter of the documentation.

Question sans réponse.

## 2.2 Software context: Project(s) related to the software

Question sans réponse.

## 2.3 Software context: Legal issues and distribution policy

Copyright (C) 2011-2019 Brigitte Bigi

Copyright (C) 2011-2021 Brigitte Bigi
Laboratoire Parole et Langage, Aix-en-Provence, France

Question sans réponse.

SPPAS source code is distributed under the terms of the GNU GENERAL PUBLIC LICENSE v3 .
Linguistic resources of SPPAS are either distributed:

- under the terms of the "GNU GENERAL PUBLIC LICENSE, v3", or
- on the terms of the "Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International Public License".

See the chapter 4 of the documentation for details about individual license of the proposed resources.

Since the beginning, the code is OPEN SOURCE.
It is available on source forge: https://git.code.sf.net/p/sppas/code

Question sans réponse.

Question sans réponse.

## 3.1 Software features: Scientific goals

SPPAS - the automatic annotation and analyses of speech, is a scientific computer software tool, daily developed with the aim to be a robust and reliable software. Available for free, with open source code, there is simply no other package for linguists to simple use in the automatic annotations of speech, the analyses of any kind of annotated data and the conversion of annotated files.
http://www.sppas.org/documentation_01_introduction.html

## 3.2 Software features: Usage and distribution objectives

2011-2040

http://www.sppas.org/features.html

SPPAS is a Research Software mainly dedicated to researchers in Corpus Linguistics.

http://www.sppas.org/tutorial.html

http://www.sppas.org/download.html
http://www.sppas.org/documentation_07_references.html

Question sans réponse.

Question sans réponse.

Question sans réponse.

Question sans réponse.

## 3.3 Software features: Technical features

Question sans réponse.

Question sans réponse.

Question sans réponse.

http://www.sppas.org/documentation.html

PEP8
PEP257

## 4. Team organisation

Governance: Brigitte Bigi, LPL

Question sans réponse.

Team: Brigitte Bigi, LPL

All roles: Brigitte Bigi, LPL

Question sans réponse.

Question sans réponse.

Question sans réponse.

## 5. Development organisation

Development team: http://www2.lpl-aix.fr/~bigi/

Question sans réponse.

SourceForge + git

Question sans réponse.

unittests in packages

Question sans réponse.

Question sans réponse.

documentation is made of markdown files, and updated for each release. Generated in html and in PDF with pandoc tool.

Question sans réponse.

Question sans réponse.

# 6. Distribution organisation

https://sourceforge.net/projects/sppas

https://archive.softwareheritage.org/swh:1:rev:18e6d46410bafbab05c748365df3a29ad96b6755

**The main reference:**
*Brigitte Bigi (2015).* **SPPAS - Multi-lingual Approaches to the Automatic Annotation of Speech** . In "the Phonetician" - International Society of Phonetic Sciences, ISSN 0741-6164, Number 111-112 / 2015-I-II, pages 54-69. Get it >>>

Other references are available in the "References" chapter of the documentation.

Other projects and references using SPPAS are available in the "References" chapter of the documentation.

Question sans réponse.

http://www.sppas.org/events.html

Question sans réponse.

contact@sppas.org

http://www.sppas.org/analytics/

# 7. SMP management

Brigitte Bigi

Question sans réponse.

Question sans réponse.

- Public

Question sans réponse.