**Surround AI**

Surround is a lightweight structure for serving AI pipelines in Python. It is intended to be adaptable, simple to utilize and to help data scientists by concentrating them on the current issue instead of composing paste code. This project means to build up a suite of AI system and libraries with the assistance of research engineers to send the AI products unto the structure for automated prediction and proficient information extraction from the Data Sets.

The purpose of this project is to build models utilizing Surround on AI project.

**DEVELOPMENT TEAM:**

**INFORMATION:**

More information about this project can be found on the GitHub page repository.

Here is the link to access our GitHub page

>> <https://github.com/a2i2/surround> <<

**ROAD MAP**:

The Road Map for the execution of the project is divided into 4 sprints

* Explore the input data provided and confirm if acceptable for the focus of Proof of Concept
* Incrementally,
  + Build and deliver an example tests with Surround functionality
  + Refine the Docker container and provide updates to Surround team with incremental features
* Prepare research report

Sprint 1

The goal of Sprint 1 is to deliver scope document and work with **SURROUND** to agree on the acceptance criteria and priority for the deliverables. These can be decomposed to:

* Project success criteria;
* Problem domain clarification;
* Visual depiction of the workflow in a flow chart of the processes that this project will automate.
* Consult….

Sprint 2

The goal of Sprint 2 is to deliver the end to end infrastructure so we can start collaboratively planning the interfaces to enable integration efforts to commence on **SURROUND** side. These can be decomposed to:

* Get an end to end solution working.
* Collaboratively create an output data format / schema
* Prepare a suitable environment within a Docker container to encapsulate and execute the transformation process.

Sprint 3

The goal of Sprint 3 is to build upon the Increment in Sprint 2, namely by adding:

* Error logging
* Input/output Validation
* Transformation logic

Sprint 4

The goal of the sprint 3 is to provide a working and satisfactory output as enclosed in the deliverables

**LICENSE**

Surround is released under a [BSD-3](https://opensource.org/licenses/BSD-3-Clause) license.

**KEY CONTACTS**

The following are the details of project Leads and their mailing lists

PRODUCT TRIBE LEADER

* SCOTT BARNETT – [scott.barnett@deakin.edu.au](mailto:scott.barnett@deakin.edu.au)

PRODUCT OWNERS

* NIKHIL BHAT
* AKSHANT BAJAJ
* STEFANUS KURNIAWAN

SUPERVISOR

* THANH NGUYEN - [duc.nguyen@deakin.edu.au](mailto:duc.nguyen@deakin.edu.au)

DEVELOPEMENT TEAM

**RELEASE INFOMRATION**:

Surround Development team and Deakin are continuously working on this prestigious project to produce a better version.

The Latest Source release **2.21.0** was released on 24 February 2019

For other previous reviewed released please click on the link to access the history of releases

<https://mirrors.edge.kernel.org/pub/software/scm/git/>