Nemo$_a rethusa_p luginDocumentation$
Release

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June 22, 2016

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Arethusa for CapiTainS Nemo

This repository contains a plugin for embedding Arethusa in Flask Capitains Nemo. It was produced during the Perseids Tufts Hackathon in May 2016.

The version of the Arethusa code which is used here can be found at https://github.com/alpheios-project/arethusa/tree/nemo_arethusa_widget It is currently using commit 924f384.

1.1 Contributors

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1.1.1 Arethusa for Nemo API

class nemo_arethusa_plugin.**Arethusa**(*queryinterface*, **args*, ***kwargs*)
Arethusa plugin for Nemo

Note: This class inherits some routes from the base AnnotationsApiPlugin

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> **Parameters queryinterface** (*flask_nemo.query.proto.QueryPrototype*) –
> QueryInterface to use to retrieve annotations
>
> **Variables**
>
> - **interface** – QueryInterface used to retrieve annotations
> - **HAS_AUGMENT_RENDER** – (True) Adds a stack of render

The overall plugins contains three new routes (on top of AnnotationsAPIPlugin) :

- /arethusa.deps.json which feeds informations about Arethusa assets dependencies
- /arethusa-assets/<filename> which is a self implemented assets route.
- /arethusa.config.json which is the config for the widget

It contains two new templates :

- •a `arethusa::text.html` template which overrides the original when there is treebank available

- •a `arethusa::widget.tree.json` template which providees the configuration for the widget

It contains a render functions which will use the arethusa::text.html instead of main::text.html if there is a treebank found within the QueryInterface

Arethusa.**render**(***kwargs*)
Render function stack.

If the template called is the main::text.html, it checks annotations from its query interface and replace it by arethusa::text.html if there is a treebank annotation

> **Parameters** `kwargs` – Dictionary of named arguments
>
> **Returns** Dictionary of named arguments

Arethusa.**r_arethusa_assets**(*filename*)
Routes for assets

> **Parameters** `filename` – Filename in data/assets to retrievee
>
> **Returns** Content of the file

Arethusa.**r_arethusa_dependencies**()
Return the json config of dependencies asked by arethusa

> **Returns** Json with dependencies

Arethusa.**r_arethusa_config**()
Config JSON route for Arethusa : defines the layout and other resources

> **Returns** {"template"}

1.1.2 Text Template and It's Macro

The `arethusa::text.html` contains few macro to ensure reusability of the concept by other resources :

tb_macro()

Contains the container for the Arethusa Widget

tabs(text, treebank)

Creates a Bootstrap tab interface where the first tab is the text, the second would be the treebank

Blocks and extensions

- The template extends main::container.html and feeds blocks additinalscript and article.

- It imports from `main::text.html` : `show_passage`, `header_passage`, `default_footer`, and `nav`

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