# AOAME Import (Dev notes)

## Import from AOAME Github

Immagine che contiene testo

Descrizione generata automaticamente

The import from AOAME Github follow these steps:

1. Get the list of ttl from Github AOAME Ontology4ModelingEnvironment repository
2. Based on the selection made by the user, retrieve the content of the ttl(s) from the Ontology4ModelingEnvironment repository
3. Normalization with a replace of unknown/bad characters
4. Create a temp file on the local machine of the user
5. Create a rdf graph
6. Upload the graph to Fuseki

## Import from local Machine

Immagine che contiene testo

Descrizione generata automaticamente

The import from local machine follow these steps:

1. The user select the ttl from the local machine
2. The ttl file is temporarily sent to FILE.IO through an API (this because ANGULAR doesn’t allow to get data about local computer (i.e. path of the ttl that the user want to upload)
3. The ttl is retrieved from FILE.IO
4. Normalization with a replace of unknown/bad characters
5. A temp file is generated in the local computer of the user with the content of the ttl
6. Create a rdf graph
7. Upload the graph to Fuseki

# AOAME Export (Dev notes)

## Aoame Full Export

## Immagine che contiene testo Descrizione generata automaticamente

The full export follow these steps:

1. Get request of all the data in the fuseki database
2. Pack data into a BLOB file
3. Download the file on local machine

## Aoame Advanced Export

Immagine che contiene testo

Descrizione generata automaticamente

The full export follow these steps:

1. Get request of all the data in the fuseki database
2. Check of all prefixes and list them in a dropdown menu
3. After the user select the prefixes he want to download, a list of prefixes is generated
4. A for loop iterate the file searching for all the triplets of the selected prefixes through a regex
5. The data are now sent to the webapp and packed into a BLOB file
6. Download the BLOB file