

Appendix C

API Requests Documentation

Path	/api/umls
Description	Get all UML documents in the database
Method	GET
Type	application/json

TABLE C.1: GET Request: /api/umls

Path	/api/uml/:filename
Description	Get UML documents in the database by filename
Method	GET
Type	application/json
Path Parameters	
filename	Required: true Type: string Description: The filename of UML document

TABLE C.2: GET Request: /api/uml/:filename

Path	/api/uml/id/:id
Description	Get UML document based from database using document ID (used in the scenario of loading an existing UML diagram from a link)
Method	GET
Produces	application/json
Path Parameters	
id	Required: true Type: string Description: The UML document ID

TABLE C.3: GET Request: /api/uml/id/:id

Path	/api/uml/:filename
Description	Update an existing UML document in the database
Method	PUT
Type	application/json
Path Parameters	
filename	Required: true Type: string Description: The filename of UML document
Body Example	
uml	<pre>{ "filename": "file1", "content": "@startuml@enduml", "encoded": "XYZ", "lastEditedBy": "editor1", "__v": 0 }</pre>

TABLE C.4: PUT Request: /api/uml/:filename

Path	/api/uml/:filename
Description	Delete an existing UML document in the database
Method	DELETE
Produces	
Path Parameters	
filename	Required: true Type: string Description: The filename of UML document

TABLE C.5: DELETE Request: /api/uml/:filename

Path	/api/uml
Description	Create a new UML document in the database
Method	POST
Type	application/json
Body Example	<pre>{ "filename": "file1", "content": "@startuml\r\n\r\n\ttitle Activity Diagram \r\n\r\n\r\n\tstart\r\n\r\n\r\n\tEat Hot Wings;\r\n\r\n\r\n\tnote left\r\n\t\tThis is a Note...\r\n\t\t* Activity diagrams can begin with a Start\r\n\t\t* An activity is colon, some words, and a semicolon\r\n\t\t* Activity diagrams can end with a stop\r\n\t\tend note\r\n\r\n\r\n\tDrink Homebrew;\r\n\r\n\r\n\tstop\r\n\r\n\r\n\t@enduml", "encoded": "VP2n3i8m34HtVuLdLfk3w5Aa8Z6nWCJ2ahQcj MWSb1Wg_XutWDY8iiHvTvTBdTH51Vi9G5admasd_61z0iDkYC xZMG0o1B3UEiLTK3on3Aa2aA244rqKqDPnv8Is7UvjNfPbdgv -bltrCc7d15iQM71c7Krmo04VND1z5URMXIb8WIbumZd4FXNe f3TD8i_vycyC6Vi9IHfki9oNPrkR9h9Sh0-dDj9SBJKDWDeG -v0N", "lastEditedBy": "editor1", "__v": 0 }</pre>

TABLE C.6: POST Request: /api/uml

Path	/pusherevent
Description	Send a pusher event
Method	POST
Type	application/json
Body Example	<pre>{ "encoded": "XYZ", "userid": "1212", }</pre>

TABLE C.7: POST Request: /pusherevent

Path	/api/codegen/:lang/:id
Description	Get all UML documents in the database by document id
Method	GET
Type	application/json
Path Parameters	
lang	Required: true Type: string Description: The language the code generation is required in e.g. Java
id	Required: true Type: string Description: The UML document ID

TABLE C.8: GET Request: /api/codegen/:lang/:id