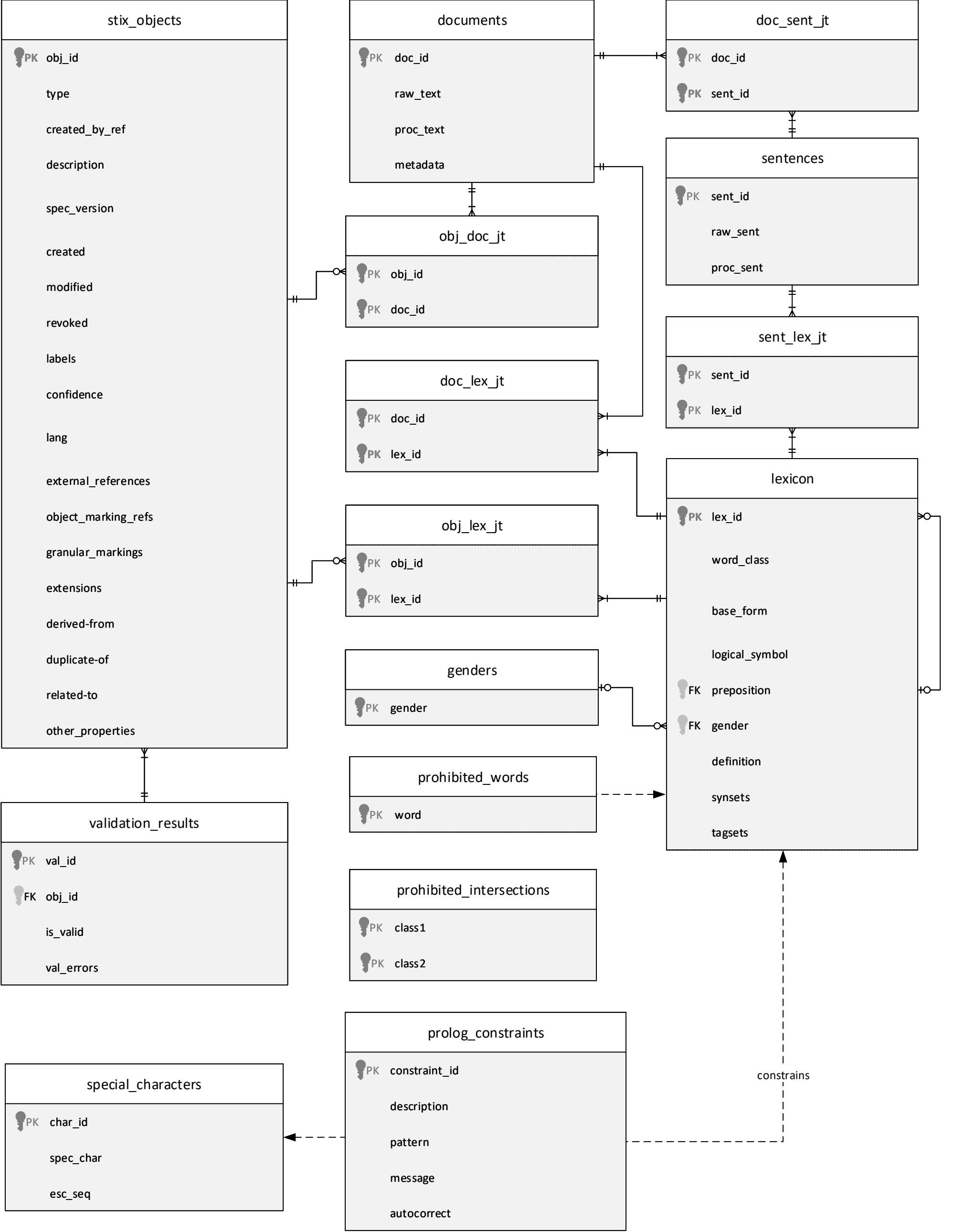
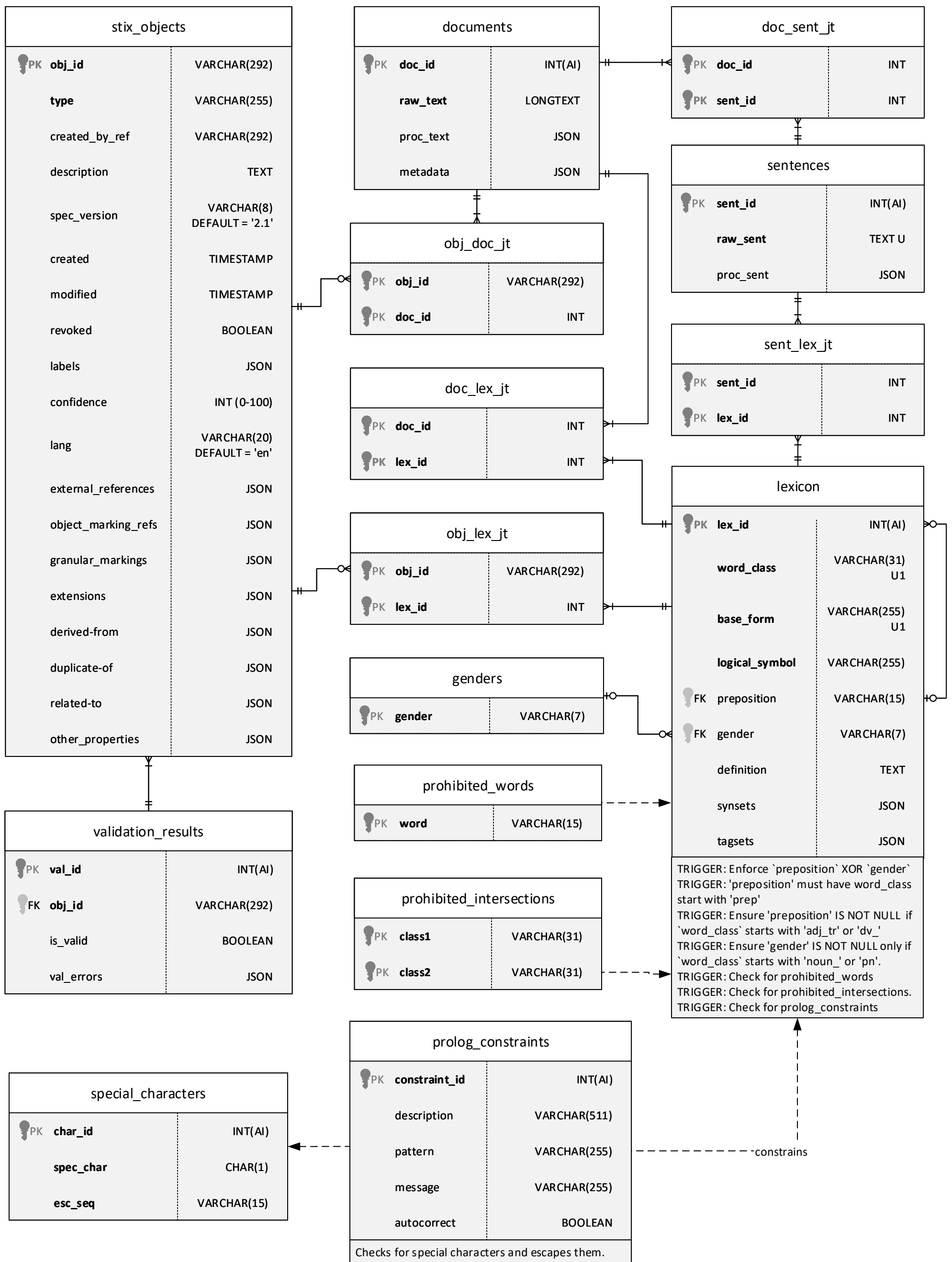


STIX-D Corpus Database



STIX-D Corpus Database



STIX-D UML Class Diagram - Main

StixBundleImporter
<ul style="list-style-type: none">- bundle_url: str- TBD: additonal_attributes
<ul style="list-style-type: none">- __init__()- db_repo: AbstractRepository- import_stix_objects(files: List[str])- read_json(file: str)- save_to_db(stix_objet: Dict)- TBD: addional_methods

DocumentManager
<ul style="list-style-type: none">- TBD: additional_attributes
<ul style="list-style-type: none">- __init__()- db_repo: AbstractRepository- create_doc(stix_object: Dict)- link_doc(obj_id: str, doc_id: int)- process_doc(doc_id: int)- TBD: addional_methods

SentenceManager
<ul style="list-style-type: none">- TBD: additional_attributes
<ul style="list-style-type: none">- __init__()- db_repo: AbstractRepository- create_sent(doc_id: int, sentence: str)- link_sent(doc_id: int, sent_id: int)- process_sent(sent_id: int)- TBD: addional_methods

NLProcessor
<ul style="list-style-type: none">- model- config- TBD: additional_attributes
<ul style="list-style-type: none">- __init__()- process_doc(text: str) -> Tuple[str, Dict])- process_sent(sentence: str) -> Dict)- process_word()- TBD: addional_methods

LexiconManager
<ul style="list-style-type: none">- TBD: additional_attributes
<ul style="list-style-type: none">- __init__()- db_repo: AbstractRepository- create_word(sent_id: int, word: str)- link_word(sent_id: int, lex_id: int)- process_word(word: str)- TBD: addional_methods