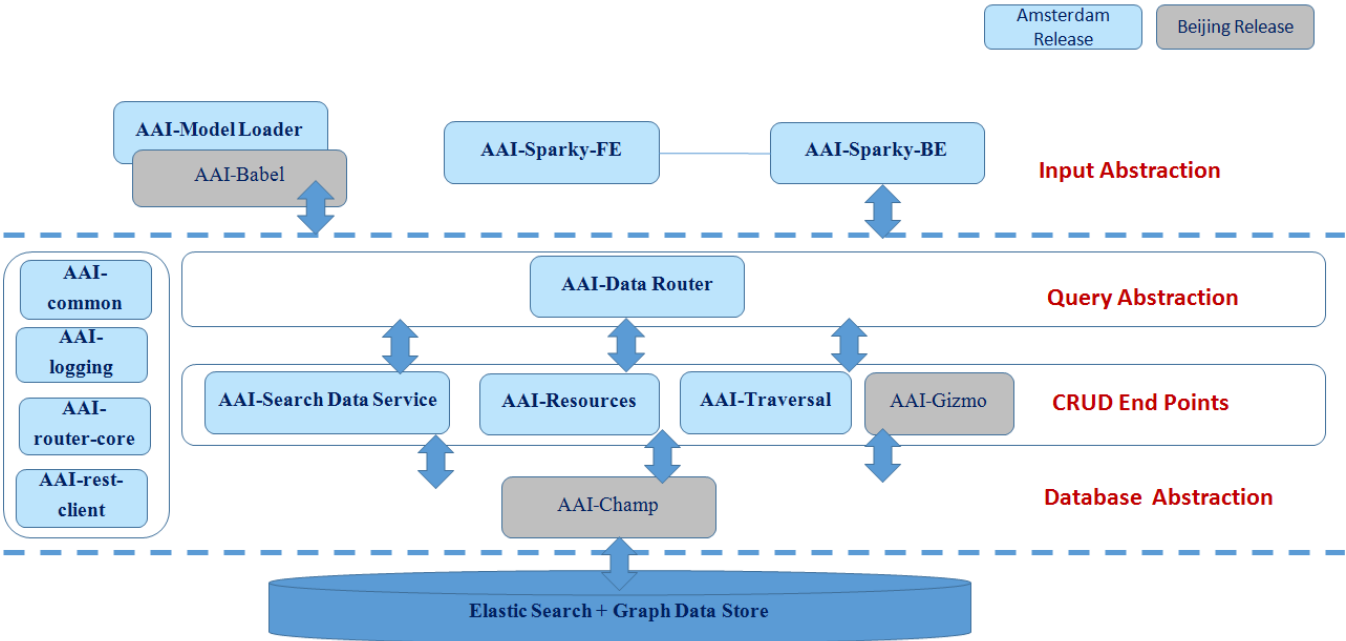


Introduction to A&AI Repositories

- Amsterdam Components
 - Applications
 - Data Management
 - Libraries
 - Configuration repositories
- Beijing Incubation
- Deprecated Components

Amsterdam Components



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Applications

aai/sparky-fe	AAI UI front end
aai/sparky-be	AAI UI back end

Data Management

aai /resources	AAI Resources Micro Service providing CRUD REST APIs for inventory resources. This microservice provides the main path for updating and searching the graph - java-types defined in the OXM file for each version of the API define the REST endpoints - for example, the java-type "CloudRegion" in aai-common/aai-schema/src/main/resources/oxm/aai_oxm_v11.xml maps to /aai/v11/cloud-infrastructure/cloud-regions/cloud-region
aai /traversal	AAI Traversal Micro Service providing REST APIs for traversal/search of inventory resources. Custom queries (gremlin-style traversals) model based queries (which use a model either manually created or loaded from SDC models) and named-queries (traversals which ignore edge labels and direction and just link together objects of given node types from a starting node).
aai /data-router	AAI Microservice used to route AAI queries and event data to correct storage engine. Serves as a query abstraction point for clients, as well as a gateway
aai /search-data-service	Abstraction layer for searchengine, supporting queries and updates. Currently supports Elasticsearch, but has also been design with Solr support in mind.

aai/mod-el-loader	Obtains SDC artifacts and loads them into the A&AI Resources service for storage
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Libraries

aai/aai-common	This holds the model, annotations and common modules used across the Resources and Traversal micro services. <i>aai/aai-common</i> creates artifacts like <i>aai-core</i> , <i>aai-schema</i> and <i>aai-annotations</i> , which are used by the rest of the microservices and libraries
aai/logging-service	AAI common logging library
aai/router-core	Library containing the core camel components for the data router
aai/rest-client	Library for making REST calls

Configuration repositories

aai/aai-data	AAI Chef environment files
aai/aai-config	AAI Chef cookbooks
aai/test-config	Repository containing test configuration for use in continuous integration

Beijing Incubation

aai/gizmo	CRUD Rest API endpoint for resources and relationships, delivering atomic interactions with the graph for improved scalability.
aai/champ	Abstraction from underlying graph storage systems that A&AI would interface with.
aai/babel	AAI Microservice to generate AAI model XML from SDC TOSCA CSAR artifacts

Deprecated Components

aai/aai-service	AAI REST based services
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