AQuery++ Architechure

UI (Python)

Prompt/IO
   Compiler Frontend
   Compiler Backend

Receive Command

Return results

Generate and Compile

Database Server (C++)

Stores the data columns
Interact with UI
Load/execute snippets
Garbage collection

Linked with

Static Library (C++)

Basic utilities and typing
Provides vector representation
and operations

Linked with

Dynamic Code Snippet (C++)

Generated dynamically by
the UI program.
Linked with Static Library
Loaded/executed by server

Loaded by