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adelean
CREATORS OF ALL.SITE





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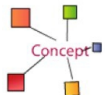
Evaluation only.



110
101



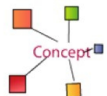
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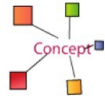
Evaluation only.

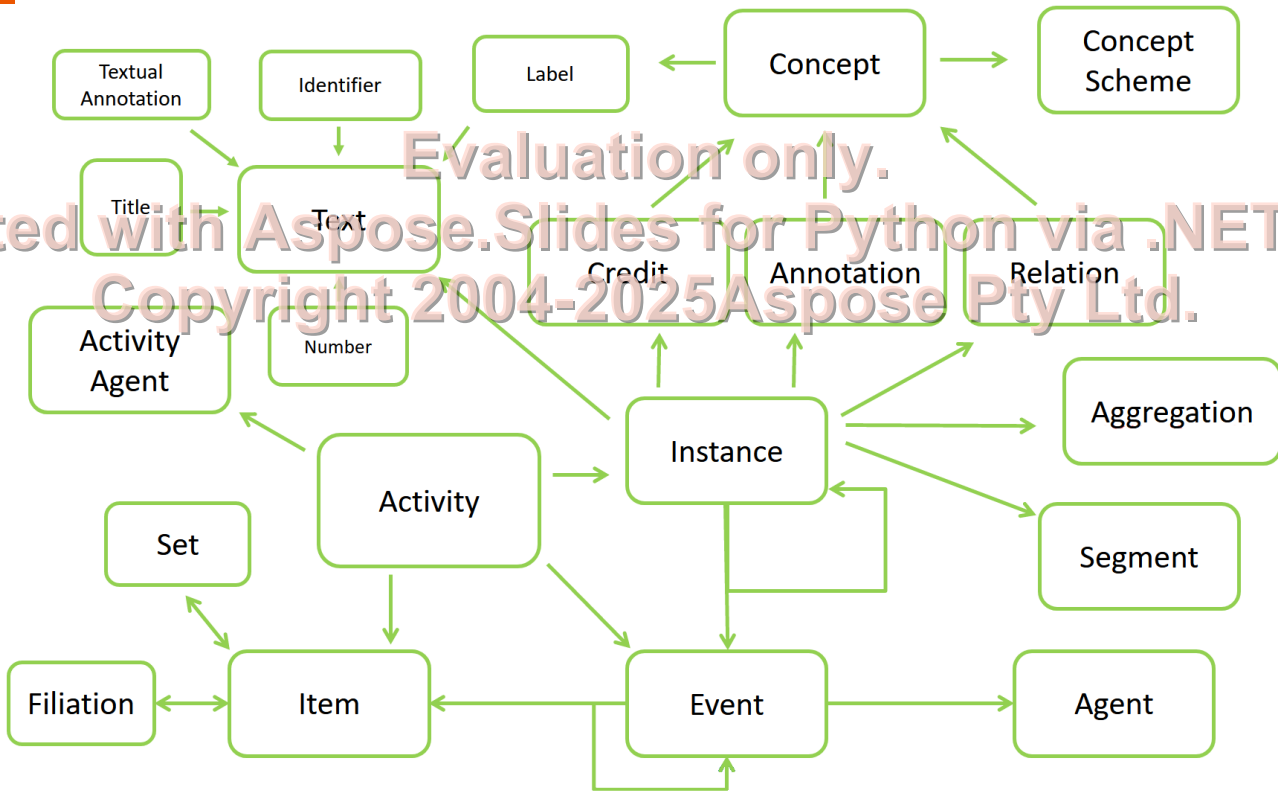
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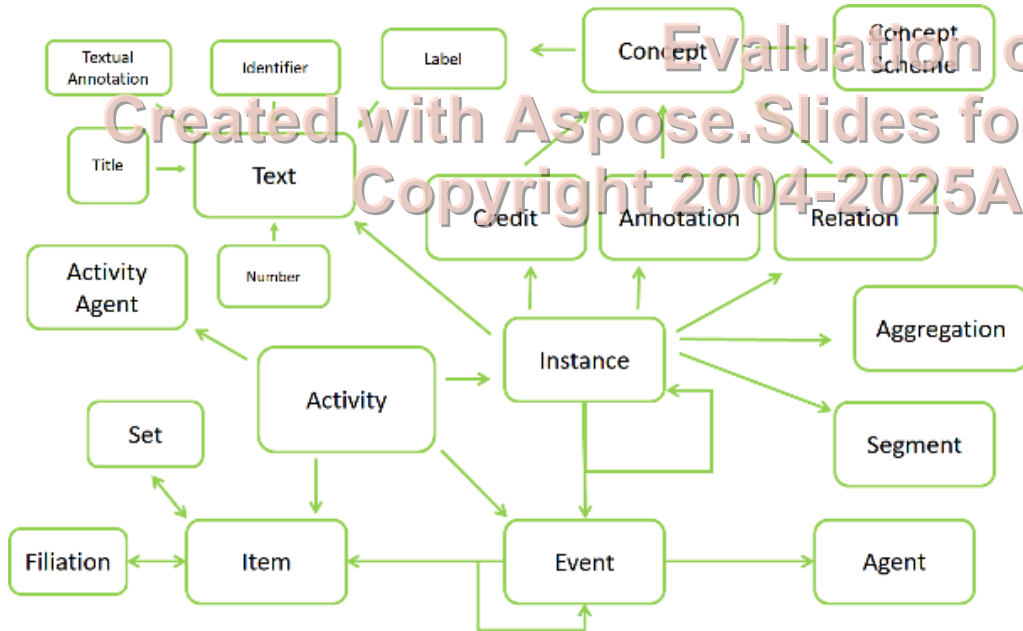


1100
1010
0101

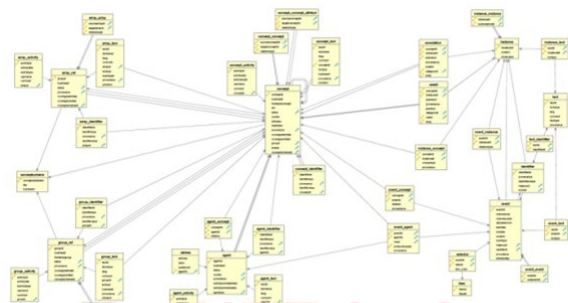
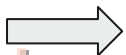




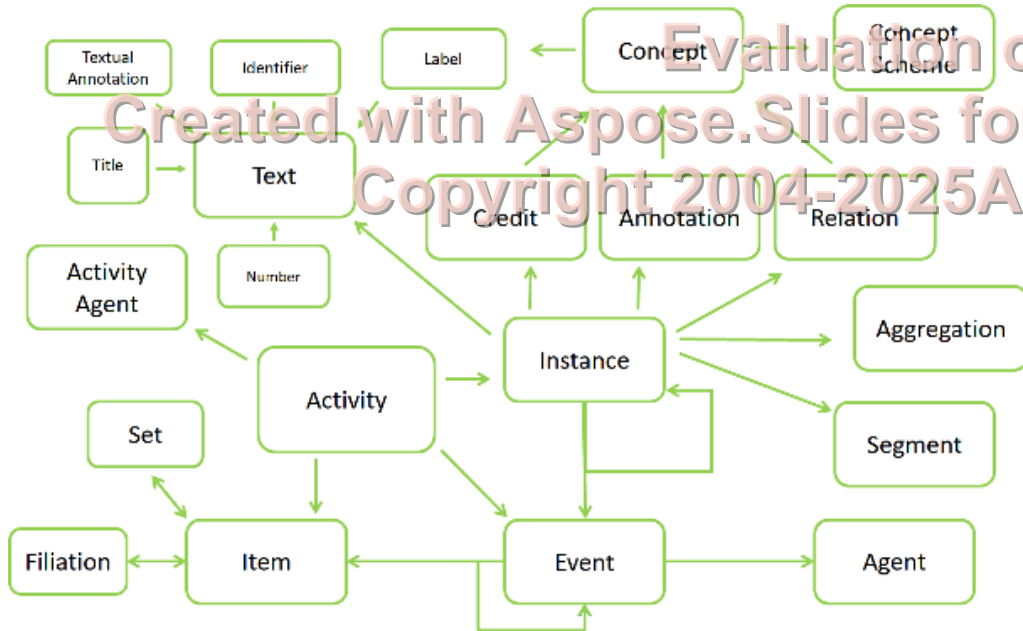
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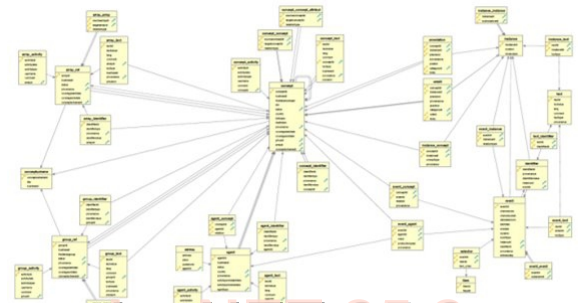
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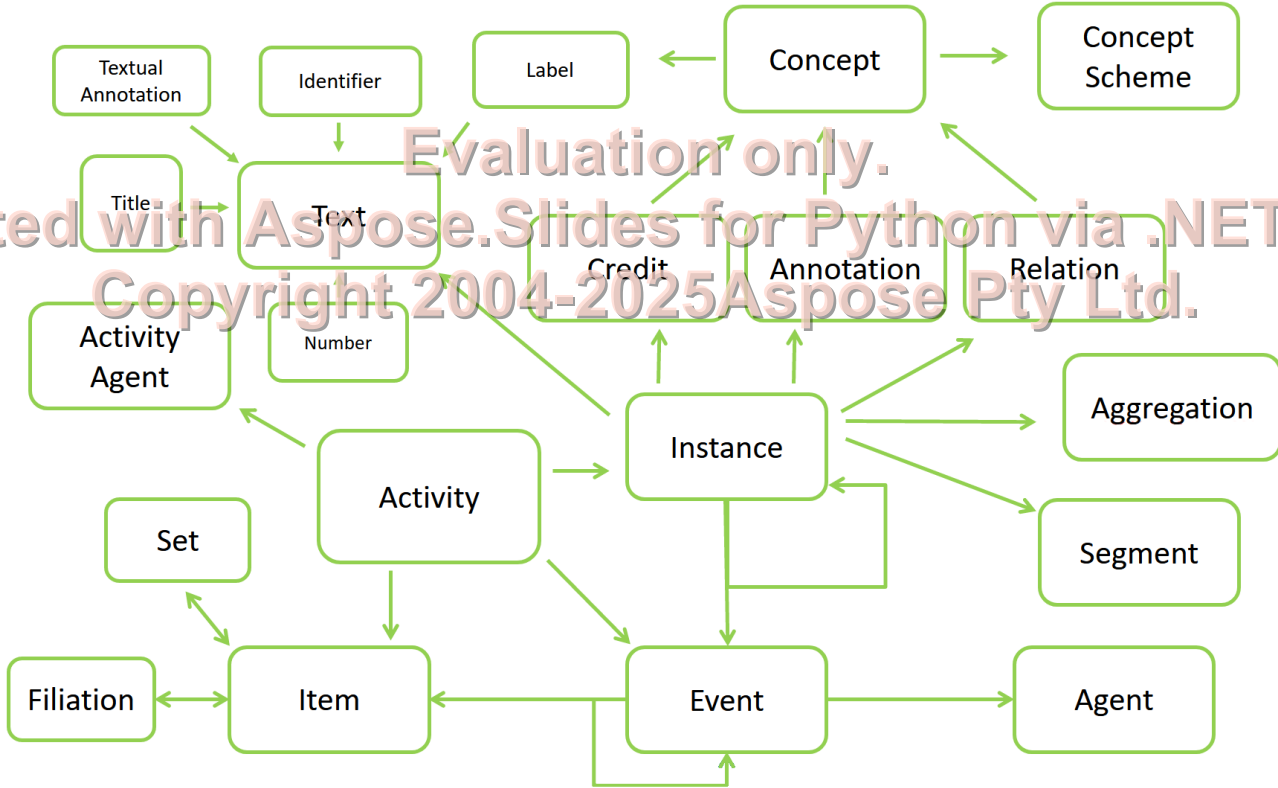
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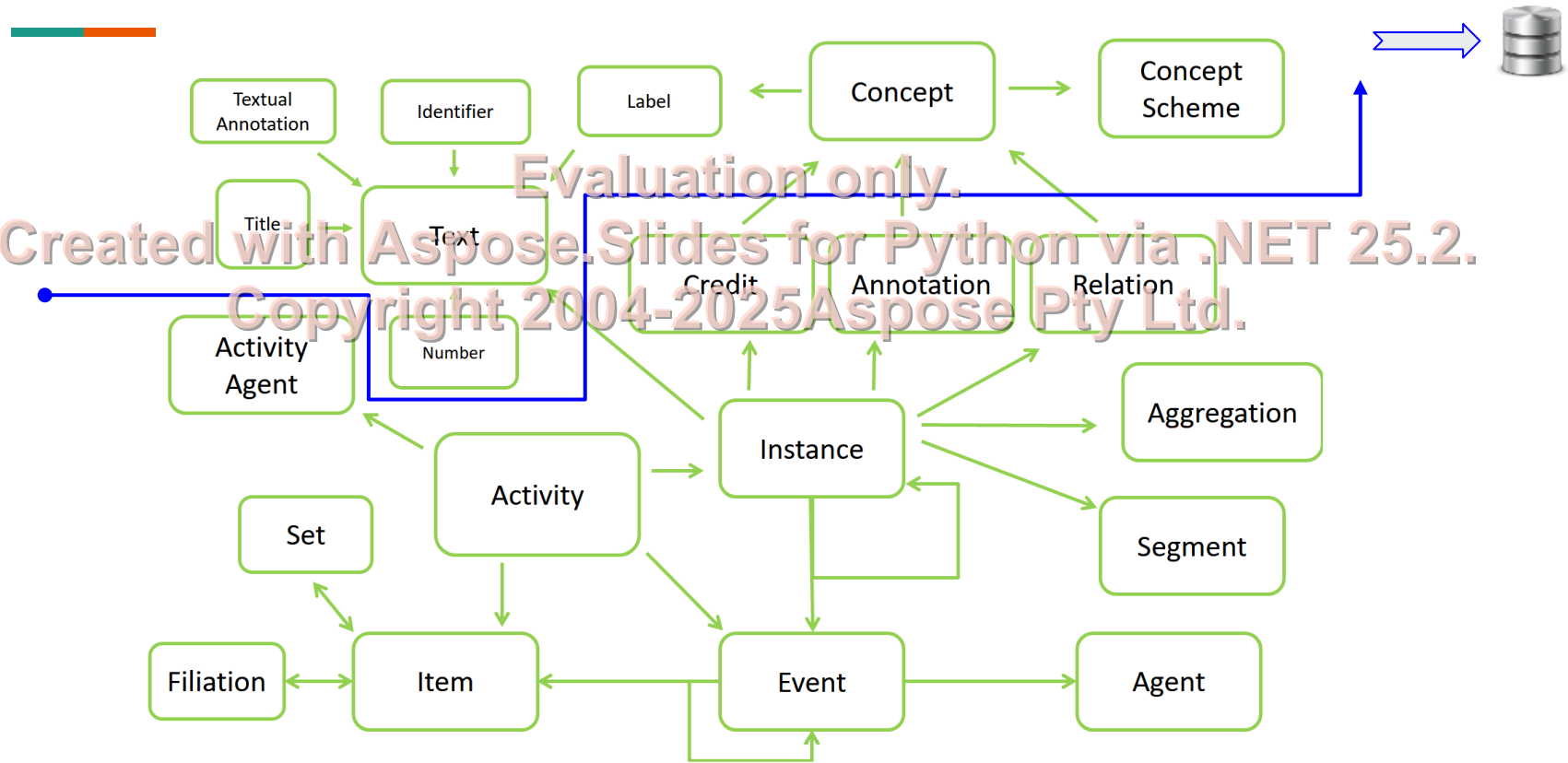
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```
graph TD; L1["id": "00000498", "duration": 200, "text": [{"id": "0000051g", "value": "20 heures", "lang": "fre", "type": "titre collection", "provenance": "DL/DAR"}], L2["id": "00001a52", "value": "20 heures : session du 27 Avril 2007", "lang": "fre", "type": "titre progne doc", "provenance": "DL/DAR"}], relation: [{"provenance": "DL/DAR", "type": "genre", "concept": [{"id": "00001a03", "text": [{"id": "00002a13c", "value": "journal", "precision": "", "lang": "fre", "type": "terme preferentiel en type ricko", "provenance": "DL/DAR"}], "conceptscheme": [{"id": "000019ae", "text": [{"id": "000019ae", "value": "21", "type": "label", "provenance": "DL/DAR"}]}]}]
```



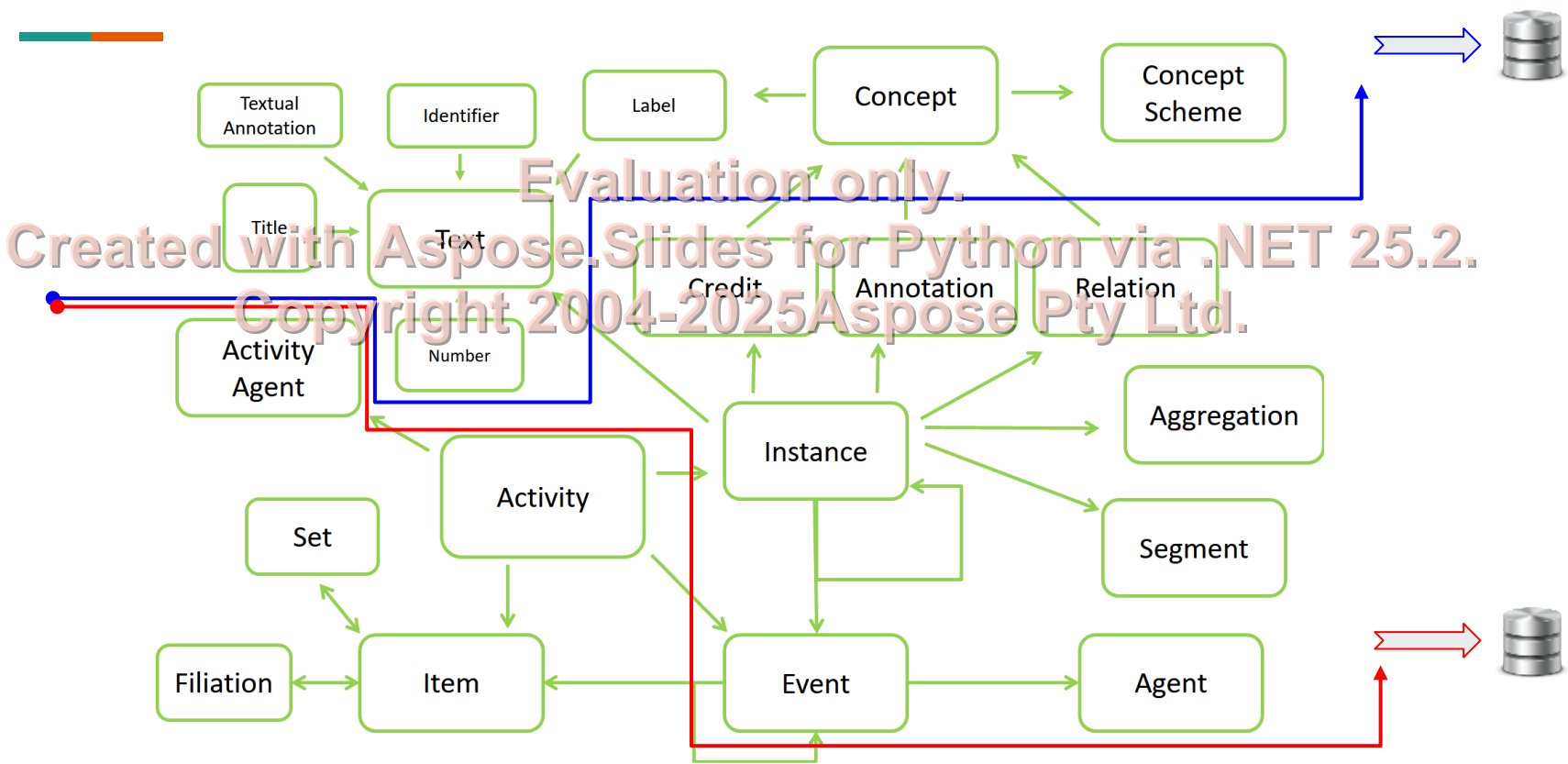
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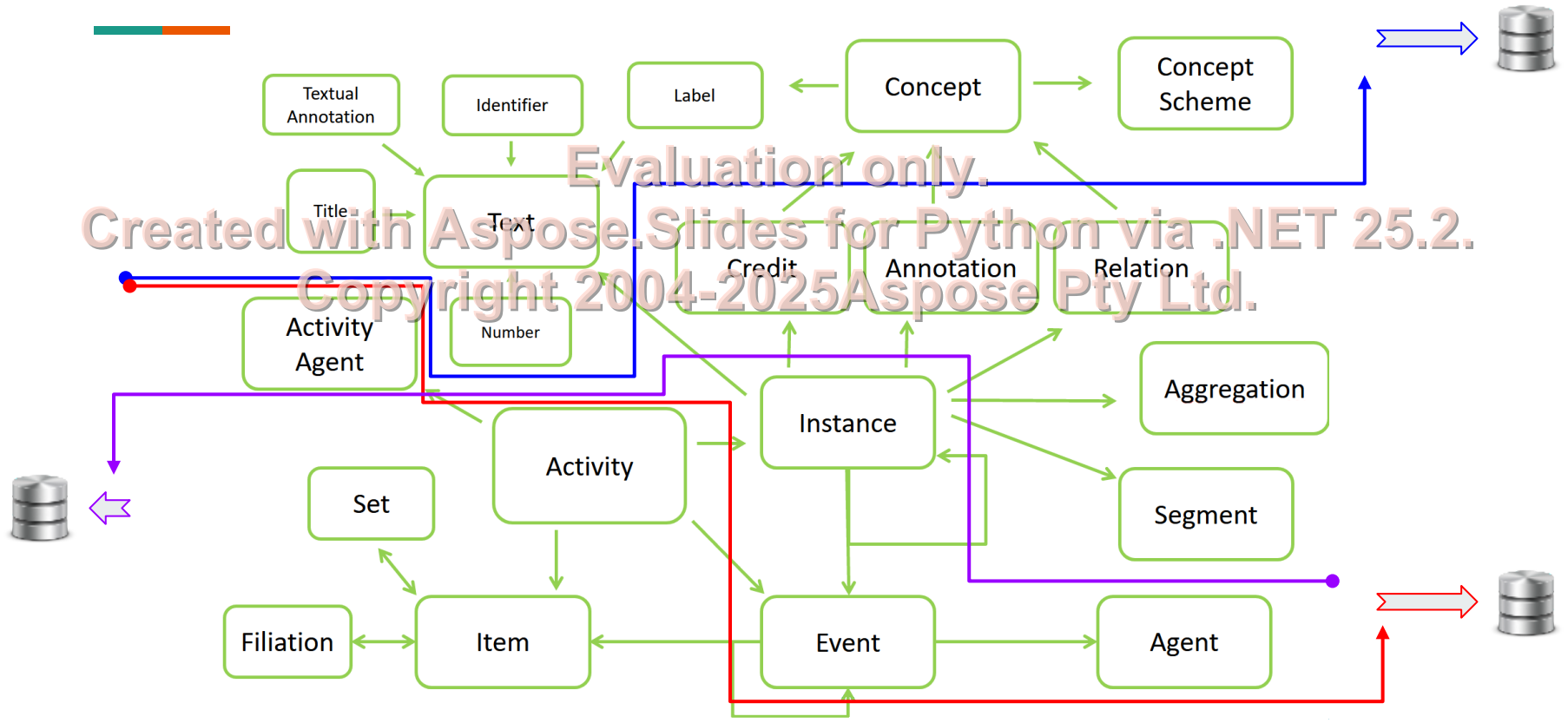


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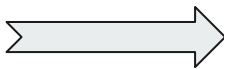
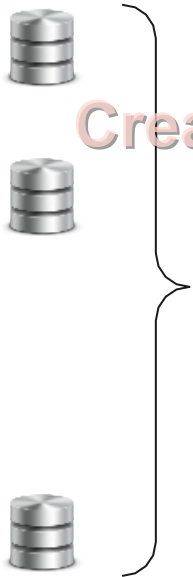




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PostgreSQL



mongoDB

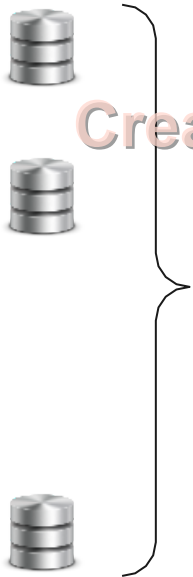


elasticsearch

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PostgreSQL

Optimized
SQL queries



mongoDB

JSON fragments
schema



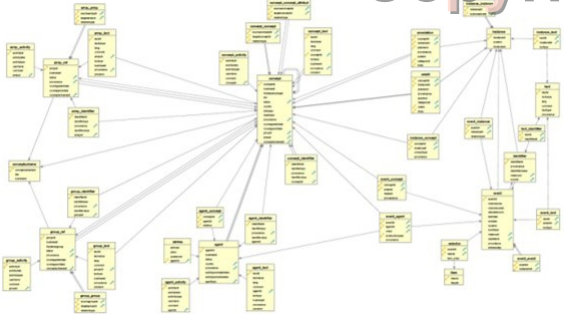
elasticsearch



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```
1 {
2   "identifiers": {
3     "entity": "instance",
4     "id": "identifiers"
5   },
6   "schema": {
7     "texts": {},
8     "identifiers": {},
9     "concepts": {},
10    "events": {},
11    "credits": {},
12    "annotations": {},
13    "usages": {},
14    "archivegroups": {},
15    "aggregations": {}
16  }
17 }
```

```
1-4  "id": "00e001f66",
2-4  "value": "4876",
3-4  "type_media": "Image animée",
4-4  "type_document": "Image animée",
5-4  "type_document_path": "Toute entité/Instance/Unité/Document simple",
6-4  "id": "00e001f58926",
7-4  "value": "CP887004892",
8-4  },
9-4  "text": {
10-4  "res": {
11-4  "id": "00e001f66",
12-4  "value": "Christophe DEHAVANNE accueille Claudia CARDINALE et Lambert WILSON pour le
13-4  dernier film de Comencini, 'La storia'. Extrait du film."
14-4  },
15-4  "ticol": {
16-4  "id": "00e001dxfay",
17-4  "value": "C'est encore mieux l'après midi"
18-4  },
19-4  "ti": {
20-4  "id": "00e001fc6b1",
21-4  "value": "C'est encore mieux l'après midi : émission du 17 mars 1987"
22-4  }
23-4  },
24-4  "concept": {
25-4  "schema": {
26-4  "concept_id": "00f000414m5",
27-4  "pref_text_value": "Loisirs",
28-4  "arbo_text_value": "Loisirs"
29-4  },
30-4  {
31-4  "concept_id": "00f000mry4s",
32-4  "pref_text_value": "Variétés",
33-4  "arbo_text_value": "Spectacle/Variétés"
34-4  }
35-4  }
36-4  }
```




```
1 {
2   "identifier": {
3     "entity": "instance",
4     "id": "identifiers"
5   },
6   "schema": {
7     "texts": {},
8     "identifiers": {},
9     "concepts": {},
10    "events": {},
11    "credits": {},
12    "annotations": {},
13    "usages": {},
14    "archivegroups": {},
15    "aggregations": {}
16  }
17 }
```

```
1 {
2   "identifier": {
3     "entity": "instance",
4     "id": "identifiers"
5   },
6   "schema": {
7     "texts": {},
8     "identifiers": {},
9     "concepts": {
10      "schema": {
11        "texts": {},
12        "identifiers": {}
13      }
14    },
15    "events": {
16      "schema": {
17        "texts": {},
18        "identifiers": {}
19      }
20    },
21    "concepts": {
22      "schema": {
23        "texts": {},
24        "identifiers": {}
25      }
26    },
27    "agents": {
28      "schema": {
29        "texts": {},
30        "identifiers": {}
31      }
32    }
33  },
34  "credits": {},
35  "annotations": {},
36  "usages": {},
37  "archivegroups": {},
38  "aggregations": {}
39 }
```

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```
1 {
2   "identifiant": {
3     "entite": "Unité simple",
4     "id": ["001001t58926"]
5   },
6   "schema": {
7     "texts": {},
8     "identifiants": {},
9     "concepts": {
10      "schema": {
11        "texts": {},
12        "identifiants": {}
13      }
14    }
15  }
16 }
```

```
1- {
2   "id": "001001t58926",
3   "duree": "4870",
4   "type_media_text": "Télévision",
5   "type_media": "Image animée",
6   "type_document": "Unité",
7   "type_document_path": "Toute entité/Instance/Unité/Document simple",
8   "identifiant": {
9     "entite": "Unité simple",
10    "id": ["001001t58926"]
11  },
12  "schema": {
13    "texts": {},
14    "identifiants": {},
15    "concepts": {
16      "schema": {
17        "texts": {},
18        "identifiants": {}
19      }
20    }
21  },
22  "trait": {
23    "concept_id": "00f001xv7d9n",
24    "pref_text_value": "Défaut Production",
25    "arbo_text_value": "Indexation/Défaut Production"
26  },
27  "genre": {
28    "concept_id": "00f001ws78xn",
29    "arbo_text_value": "Magazine",
30    "pref_text_value": "Magazine"
31  },
32  "@sort": {
33    "text": {
34      "id": "C'est encore mieux l'après midi : émission du 17 mars 1987",
35      "arbo_text_value": "Magazine",
36      "ticol": "C'est encore mieux l'après midi"
37    }
38  },
39  "@facet": {
40    "text": {
41      "id": "C'est encore mieux l'après midi : émission du 17 mars 1987",
42      "arbo_text_value": "Magazine",
43      "ticol": "C'est encore mieux l'après midi"
44    }
45  },
46  "concept": {
47    "genre_arbo": [
48      "Magazine"
49    ],
50    "thema_arbo": [
51      "Loisirs",
52      "Spectacle",
53      "Spectacle/Variétés"
54    ],
55    "trait_arbo": [
56      "Indexation",
57      "Indexation/Défaut Production"
58    ]
59  }
60 }
```



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```
1 {
2   "identifier": {
3     "entity": "Variétés"
4     "id": ["001001t58926"]
5   },
6   "schema": {
7     "texts": {},
8     "identifiers": {},
9     "concepts": {
10      "schema": {
11        "texts": {},
12        "identifiers": {}
13      }
14    }
15 }
16 }
```

```
1-
2
3
4   WITH "with_entityTarget" as (select "entityTarget".instanceid as "entityId", 'instance' as "collection",
5   "entityTarget".instanceid as "parentid","entityTarget".instanceid
6   from fragments.instance as "entityTarget"
7
8   INNER JOIN temp_identifiant ON temp_identifiant.identifiant="entityTarget".instanceid
9   ),"with_070658bea921634a8c636afab8e78df0" as (select "with_entityTarget"."entityId", 'instance_concept' as
10  "collection", "070658bea921634a8c636afab8e78df0".conceptid as "conceptid",
11  "070658bea921634a8c636afab8e78df0".instanceid as "parentid"
12  from fragments.instance_concept as "070658bea921634a8c636afab8e78df0"
13
14  INNER JOIN "with_entityTarget" ON "with_entityTarget".instanceid="070658bea921634a8c636afab8e78df0".instanceid
15
16  SELECT "entityId", "collection", "identifiantmongo" FROM (select "with_entityTarget"."entityId",
17  "with_entityTarget"."collection", string_agg(''||"entityTarget".identifiantmongo||',' as
18  "identifiantmongo"
19  from "with_entityTarget"
20
21  ...
22
23  UNION ALL
24  select "with_entityTarget"."entityId", 'instance_identifier' as "collection",
25  string_agg(''||"0e640eb5db894056dcc7b5985ce0e720".identifiantmongo||',' as "identifiantmongo"
26  from fragments.instance_identifier as "0e640eb5db894056dcc7b5985ce0e720"
27  INNER JOIN "with_entityTarget" ON --
28  "with_entityTarget"."parentid"="0e640eb5db894056dcc7b5985ce0e720".instanceid
29  "with_entityTarget".instanceid="0e640eb5db894056dcc7b5985ce0e720".instanceid
30  group by "with_entityTarget"."entityId", "with_entityTarget"."collection"
31
32
33
34  ),
35  {
36    "concept_id": "00f00nmry4s",
37    "pref_text_value": "Variétés",
38    "arbo_text_value": "Spectacle/Variétés"
39  }
```

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ars 1987",



```
1- {
2-   "texts": [
3-     {
4-       "type": "LIBALTA",
5-       "relationtype": {
6-         "id": "00f001i1985p",
7-         "businessid": "LIBALTA",
8-         "texts": [
9-           {
10-            "type": "LIBALTA",
11-            "text": {
12-              "id": "008001w9x0w1",
13-              "value": "Libalita alternati",
14-              "type": "TEXT",
15-              "lang": "fre",
16-              "provenance": "Migration"
17-            }
18-          }
19-        ],
20-      },
21-      "text": {
22-        "id": "00e000sspql0",
23-        "value": "hospital",
24-        "lang": "eng",
25-        "type": "TEXT",
26-        "businessid": "90011283",
27-        "provenance": "00f000iwa939"
28-      }
29-    },
30-    {
31-      "type": "LIBALTA",
32-      "relationtype": {
33-        "id": "00e001r16k64",
34-        "value": "teaching hospital",
35-        "lang": "eng",
36-        "type": "TEXT",
37-        "businessid": "90011279",
38-        "provenance": "00f000iwa939"
39-      }
40-    }
41-  ]
42- }
```

```
1- {
2-   "text": {
3-     "libalta_eng": [
4-       {
5-         "value": "hospital",
6-         "value_precision": "hospital"
7-       },
8-       {
9-         "value": "teaching hospital",
10-        "value_precision": "teaching hospital"
11-       },
12-       {
13-         "value": "regional hospital",
14-        "value_precision": "regional hospital"
15-       },
16-       {
17-         "value": "hospital center",
18-        "value_precision": "hospital center"
19-       },
20-       {
21-         "value": "chu",
22-        "value_precision": "chu"
23-       },
24-       {
25-         "value": "university hospital",
26-        "value_precision": "university hospital"
27-       },
28-       {
29-         "value": "chr",
30-        "value_precision": "chr"
31-       }
32-     ]
33-   }
34- }
```

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```

def text_generateValues($fragments, $lang)
    array({ for ([0]) "value" : text_mergeValues($fragments, $lang) })

def text_mergeWithId(texts, id, lang)
    let fragments = [ for ($texts).text if ($id == text.id) ]

    { for (text_generateValue($fragments, $lang))
        .key: .value
    } + {
        "id": $fragments[0].id,
        "provenance": common:extract_provenances($fragments)
    }
}

def text_mergeWithType(texts, type, lang)
    let array = [ for ($texts).text if (($type == .type) and ($lang == .text.lang) ) ]
    common:unbox_mono_array({ for (text-array-deduplicate([ for ($array).id ])
    text_mergeWithId($texts, ., $lang) })

def text_merge(texts, lang)
    if ($texts) { for (text-array-deduplicate([ for ($texts).type ])
        safe-json-key(.: text_mergeWithType($texts, ., $lang)
    } else []

```

```

1- {
2-   "texts": [
3-     {
4-       "type": "LIBALTA",
5-       "relationtype": {
6-         "id": "00f001i985p",
7-         "businessid": "LIBALTA",
8-         "texts": [
9-           "LIBALTA",
10-          "08001w9x0w1",
11-          "Lib 0116 alternEi",
12-          "7",
13-          "ation"
14-        ],
15-        "spqlo",
16-        "ital",
17-        "90011283",
18-        "00f000iwa939"
19-      },
20-      "6k64",
21-      "ing hospital",
22-      "90011279",
23-      "provenance": "00f000iwa939"
24-    }
25-   ]
26- }

```

```

1- {
2-   "text": {
3-     "libalta_eng": [
4-       {
5-         "value": "hospital",
6-         "value_precision": "hospital"
7-       },
8-       {
9-         "value": "teaching hospital",
10-        "value_precision": "teaching hospital"
11-      },
12-      {
13-        "value": "regional hospital",
14-        "value_precision": "regional hospital"
15-      },
16-      {
17-        "value": "hospital center",
18-        "value_precision": "hospital center"
19-      },
20-      {
21-        "value": "chu",
22-        "value_precision": "chu"
23-      },
24-      {
25-        "value": "university hospital",
26-        "value_precision": "university hospital"
27-      },
28-      {
29-        "value": "chr",
30-        "value_precision": "chr"
31-      }
32-    ]
33-  }
34- }

```

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talend | TALEND REAL-TIME BIG DATA PLATFORM

Operation succeeded

Refresh Add Duplicate Generate Deploy Run
 Enable auto refresh Delete Kill Pause task(s) Resume task(s)

| State | Status | Error status | Label | Trigger | Artifact | Time... | Context | Project | Server |
|--------------|--------------|--------------|------------------------|---------|----------|---------|---------|-------------|--------|
| Ready to run | Ready to run | | Migration-50bis-Sous | | | | Default | TRAITEMENTS | jbs01 |
| Ready to run | Ready to run | | Redmine_20518 | | | | Default | TRAITEMENTS | jbs01 |
| Ready to run | Ready to run | | Red_19355 | | | | Default | TRAITEMENTS | jbs01 |
| Ready to run | Ready to run | | Notilus - Create index | | | | DEV | TRAITEMENTS | jbs01 |

Page 1 of 2 | 10 | Displaying 1 - 10 of 16

Triggers Context parameters JVM parameters

| Context parameter | Custom value | Original value |
|----------------------|---------------------------------|----------------|
| elasticsearch_alias | "events" | |
| elasticsearch_index | "" | |
| timestamp_format | "yyyyMMddHHmmss" | |
| IDX_ELASTIC_ENDPOINT | "http://el01.idd.d.priv.ina:920 | |
| RSS_DEST_RESSOURCE | "opt/talend/app/ina_idd/res: | |

Refresh Reset Add Delete Save Cancel

Save Cancel

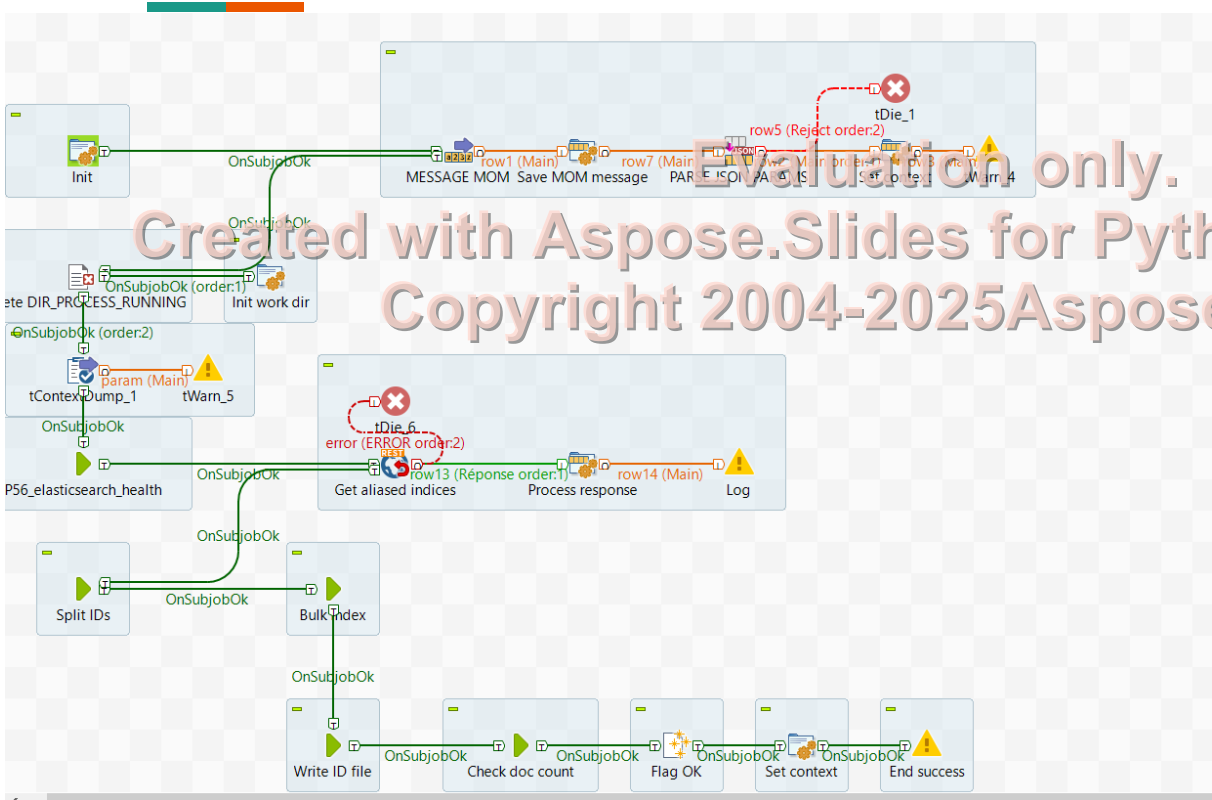
Execution task

Artifact Task

Label: Notilus - Create
 Description:
 Active:
 Job: jbs01
 Project: TRAITEMENTS
 Branch: branches/NIG...
 Repository: snapshots
 Group ID: fr.ina.idd
 Artifact: ina_idd_create
 Publish Version: 0.2.0-SNAPSHO
 Use Latest Version:
 Context: DEV
 Apply context to children:
 Log4j Level: Info
 Execution server: jbs01
 Run job as OS user (Unix):
 Statistic: disabled
 On unavailable: Wait

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```
1 {
2   "text": "journal 20h",
3   "filter": {
4     "date_diffusion": {
5       "from": "1980-01-01"
6       "to": "0000-12-31"
7     }
8   },
9   "facet": {
10    "event_diffusion": {
11      "date_diffusion": {
12        "interval": "month"
13      }
14    },
15    "personne_physique": {
16      "size": 5
17    }
18  },
19  "sort": {
20    "type_media": "desc"
21  }
22 }
```

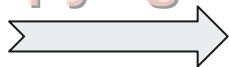
```
1 {
2   "from": 0,
3   "size": 10,
4   "query": {
5     "bool": {
6       "filter": [
7         {
8           "nested": {
9             "path": "event.evd",
10            "query": {
11              "bool": {
12                "must": [
13                  {
14                    "event.evd.start_date": {
15                      "gte": "1980-01-01",
16                      "lte": "0000-12-31"
17                    }
18                  }
19                ]
20              }
21            }
22          }
23        },
24        "must": [
25          {
26            "dis_max": {
27              "tie_breaker": 0,
28              "queries": [
29                {
30                  "bool": {
31                    "must": [
32                      {
33                        "multi_match": {
34                          "query": "journal 20h",
35                          "type": "cross_fields",
36                          "operator": "or",
37                          "minimum_should_match": 1,
38                          "fields": [
39                            "id^10",
40                            "text.titre_propre.value.simple^10",
41                            "text.titre_collection.value.simple",
42                            "text.titre_de_collection_de_tranche_horaire.value.simple",
43                            "text.titre_sous_collection.value.simple",
44                            "text.oeuvre.value.simple",
```

```
220 "sort": [
221   {
222     "type_media": {}
223   }
224 ],
225 "highlight": {},
226 "aggs": {
227   "event_diffusion": {
228     "nested": {
229       "path": "event.evd"
230     },
231     "aggs": {
232       "date_diffusion": {
233         "date_histogram": {
234           "field": "event.evd.start_date",
235           "interval": "month",
236           "min_doc_count": 1
237         },
238         "aggs": {}
239       }
240     }
241   },
242   "personne_physique": {
243     "nested": {
244       "path": "@facet.personne_physique_nested"
245     },
246     "aggs": {
247       "nom": {
248         "terms": {},
249         "aggs": {
250           "type_de_descripteur": {
251             "terms": {},
252             "aggs": {
253               "role": {
254                 "terms": {}
255               }
256             }
257           }
258         }
259       }
260     }
261   }
262 }
263 }
```

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```

1 {
2   "text": "journal 20h",
3   "filter": {
4     "date_diffusion": {
5       "from": "1980-01-01"
6       "to": "2025-12-31"
7     }
8   },
9   "facet": {
10    "event_diffusion": {
11      "date_diffusion": {
12        "interval": "month"
13      }
14    },
15    "personne_physique": {
16      "size": 5
17    }
18  },
19  "sort": {
20    "type_media": "desc"
21  }
22 }

```

```

def search_mode(q) {
  "bool": {
    "must": [{
      "multi_match": {
        "query": $q.text,
        "type": $q.mode,
        "fields": ["text"]
      }
    }]
    let filter = filter_build(.filter)
    let must_not = filter_build(.exclude)
    {
      "from": $f.from,
      "size": $size,
      "query": if (boolean(.text) or (size($filter) > 0) or (size($must_not) > 0)) {
        "bool": {
          "filter": filter,
          "must": if (boolean(.text)) [
            search_mode(.)
          ] else [],
          "must_not": $must_not,
        }
      } else {
        "match_all": {}
      },
      "sort": user_sorts(.sort),
      "highlight": {
        "fields": {"*": { "number_of_fragments": .max_highlight_fragments }}
      },
      "aggs": facet_build(.facet)
    }
  }
}

```

```

37   "text.titre_propre.value.simple*10",
38   "text.titre_collection.value.simple",
39   "text.titre_de_collection_de_tranche_horaire.value.simple",
40   "text.titre_sous_collection.value.simple",
41   "text.oeuvre.value.simple",
281   }
282   }
283   }
284   }
285   }

```

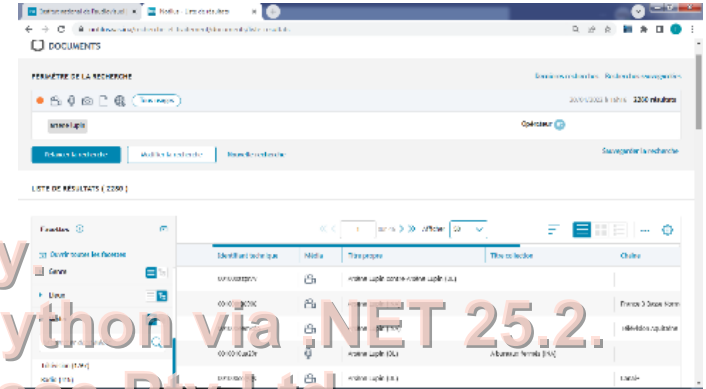
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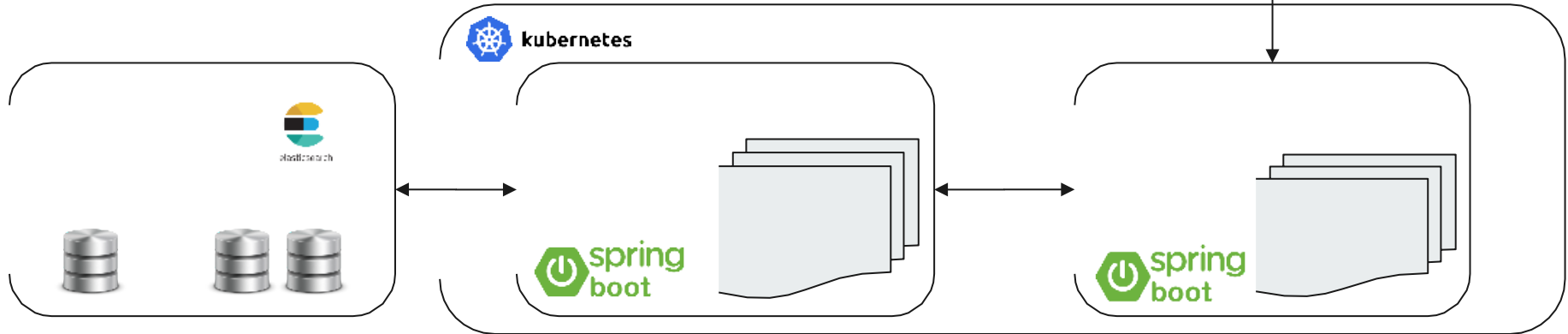
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Design

Runtime

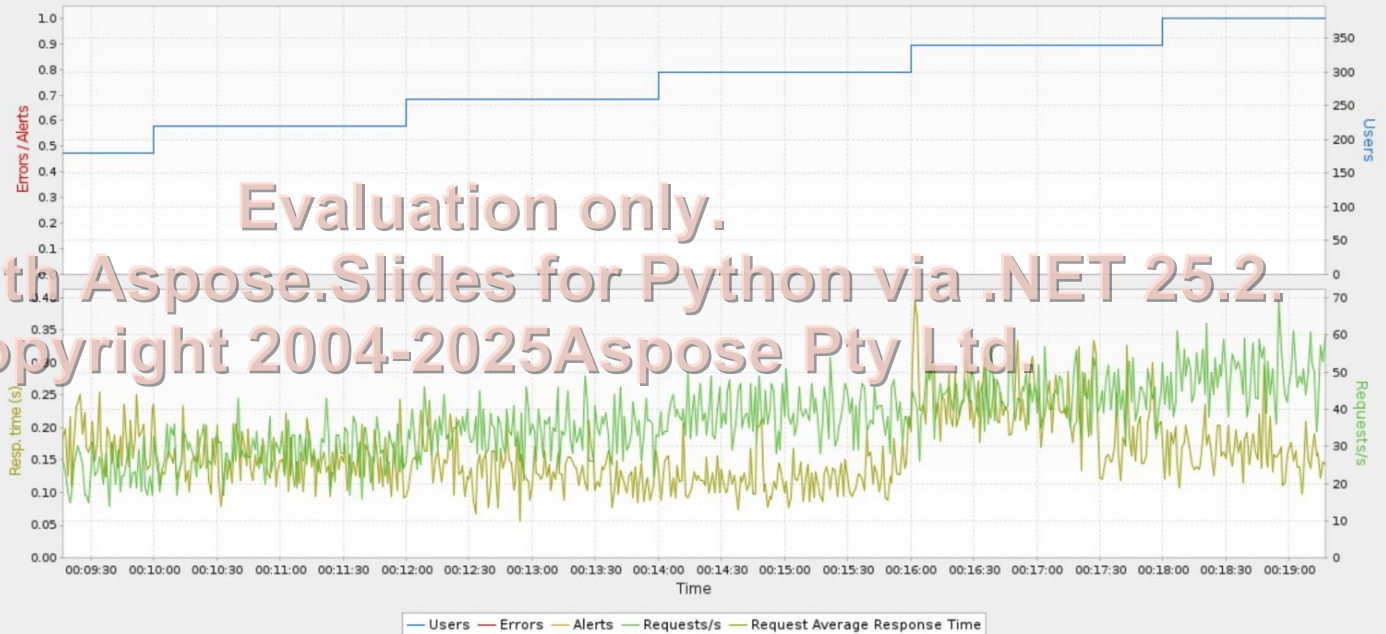
Results

Scenarios Runtime Overview Runtime Graphs Runtime Errors Runtime Alerts Runtime Users

Runtime Information

Scenario Name: scenario1
 Start Time: 08:16:53
 Elapsed Time: 00:19:18
 Total Requests: 28961
 Total Throughput: 536.44 MB
 Total Errors: 0
 Total Alerts: 0
 Total Users Launched: 380
 Total Iterations Completed: 28961
 Average Response Time (requests): 0.175 s
 Average Response Time (pages): 0.175 s
 Average Requests/s: 25.0 req/s
 Average Throughput: 3.71 Mb/s
 Current Response Time (requests): 0.143 s
 Current Response Time (pages): 0.143 s
 Current Requests/s: 59.9 req/s
 Current Throughput: 7.79 Mb/s
 Current Users Count: 380

Real-Time Graphic



Controller CPU Load: 0 %
 Controller Memory Used: 16 %

96%

Load Generators

| Host | Virtual Users | Requests | Errors | CPU Load | Memory Used | Throughput |
|----------------|---------------|------------|--------|----------|-------------|------------|
| localhost:7100 | 380 | 59.9 req/s | 0 | 0 % | 9 % | 7.79 Mb/s |



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