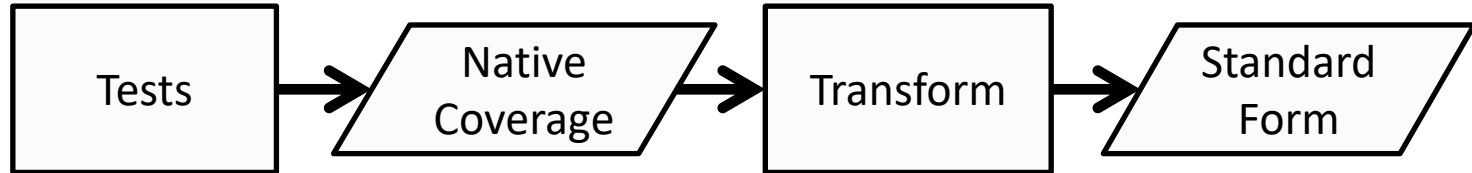


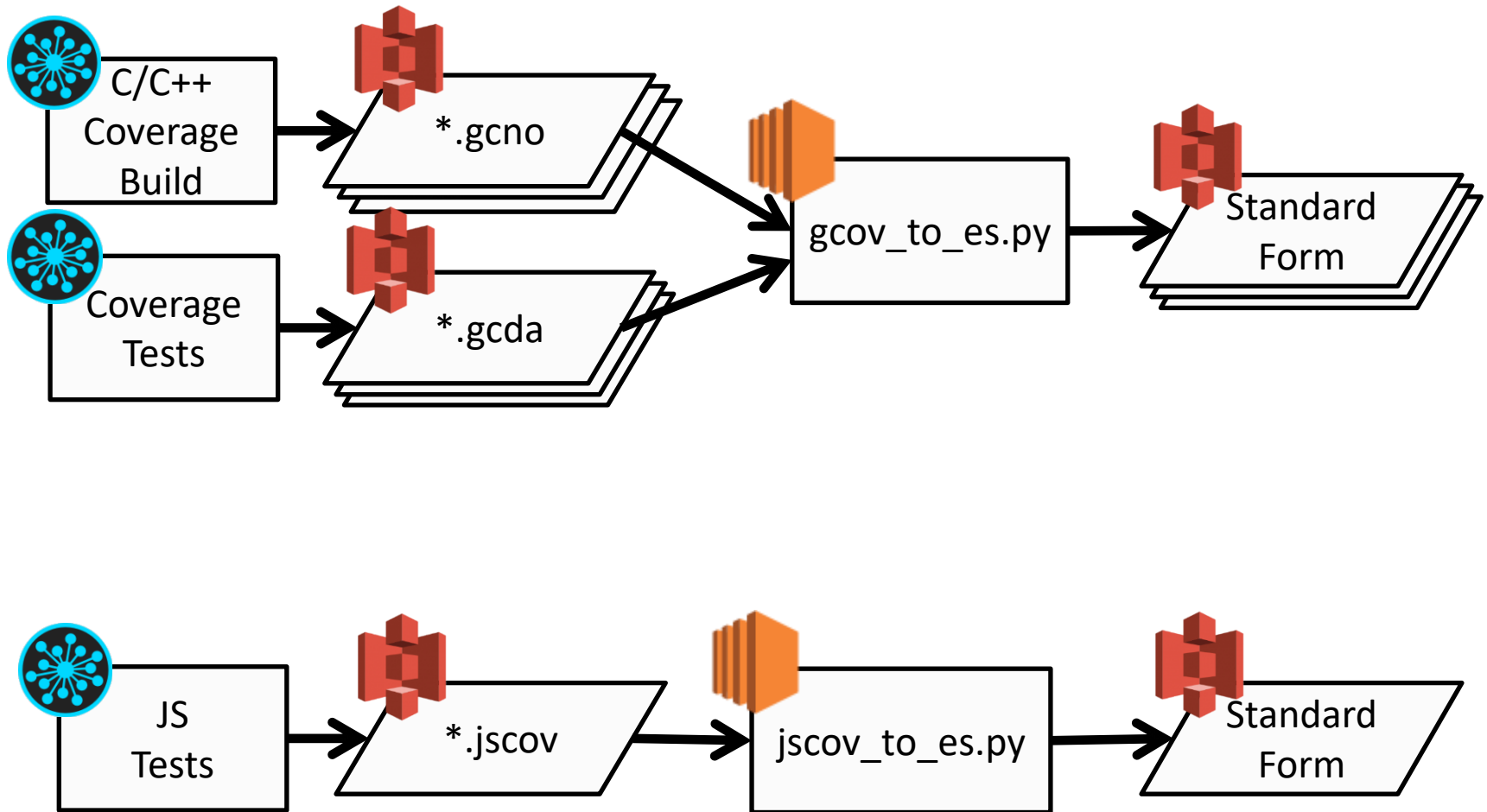
Abstract Coverage ETL Pipeline



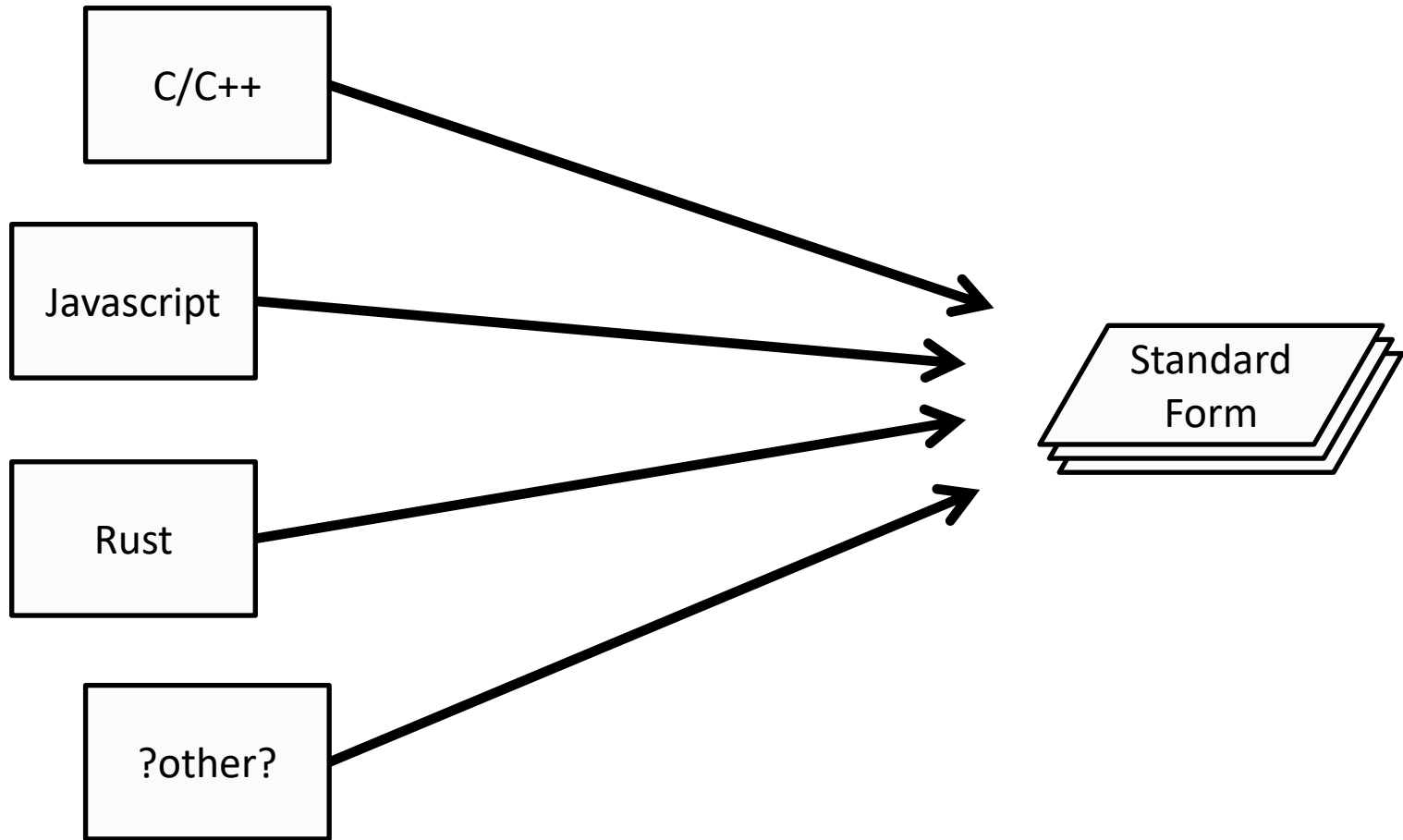
Abstract Code Coverage Frontend



Example Coverage ETL Pipeline



Code Coverage ETL Overview



Minimal Standard Form

```
{
  "test":{
    "url":"chrome://mochitests/content/browser/toolkit/components/perfmonitoring/tests/brows
    "name":"browser_AddonWatcher.js"
  },
  "source":{
    "method":{
      "name":"addObserver",
      "covered":[...],
      "uncovered":[...],
      "total_covered":0,
      "total_uncovered":6,
      "percentage_covered":0,
    },
    "file":{
      "name":"chrome://mochikit/content/tests/SimpleTest/specialpowersAPI.js",
      "covered":[...]
      "uncovered":[...],
      "total_covered":25,
      "total_uncovered":1291,
      "percentage_covered":0.018996960486322188,
    }
  }
}
```

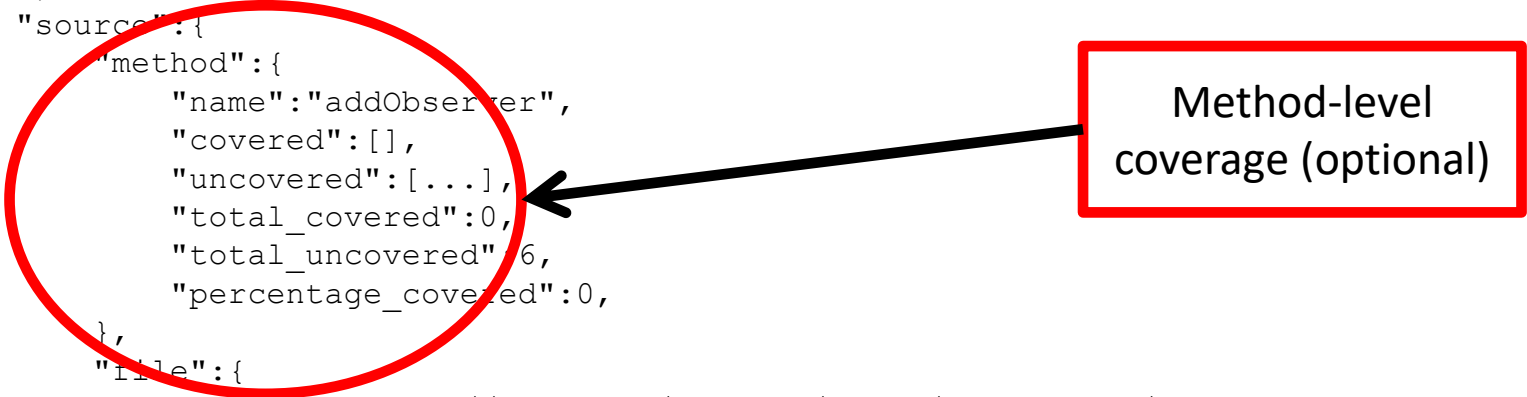
Minimal Standard Form

```
{
  "test":{
    "url":"chrome://mochitests/content/browser/toolkit/components/perfmonitoring/tests/brows
    "name":"browser_AddonWatcher.js"
  },
  "source":{
    "method":{
      "name":"addObserver",
      "covered":[],
      "uncovered":[...],
      "total_covered":0,
      "total_uncovered":6,
      "percentage_covered":0,
    },
    "file":{
      "name":"chrome://mochikit/content/tests/SimpleTest/specialpowersAPI.js",
      "covered":[...]
      "uncovered":[...],
      "total_covered":25,
      "total_uncovered":1291,
      "percentage_covered":0.018996960486322188,
    }
  }
}
```

Test Metadata

Minimal Standard Form

```
{
  "test":{
    "url":"chrome://mochitests/content/browser/toolkit/components/perfmonitoring/tests/brows
    "name":"browser_AddonWatcher.js"
  },
  "source":{
    "method":{
      "name":"addObserver",
      "covered":[],
      "uncovered":[...],
      "total_covered":0,
      "total_uncovered":6,
      "percentage_covered":0,
    },
    "file":{
      "name":"chrome://mochikit/content/tests/SimpleTest/specialpowersAPI.js",
      "covered":[...]
      "uncovered":[...],
      "total_covered":25,
      "total_uncovered":1291,
      "percentage_covered":0.018996960486322188,
    }
  }
}
```



Method-level coverage (optional)

Minimal Standard Form

```
{
  "test":{
    "url":"chrome://mochitests/content/browser/toolkit/components/perfmonitoring/tests/brows
    "name":"browser_AddonWatcher.js"
  },
  "source":{
    "method":{
      "name":"addObserver",
      "covered":[],
      "uncovered":[...],
      "total_covered":0,
      "total_uncovered":6,
      "percentage_covered":0,
    },
    "file":{
      "name":"chrome://mochikit/content/tests/SimpleTest/specialpowersAPI.js",
      "covered":[...]
      "uncovered":[...]
      "total_covered":25,
      "total_uncovered":1291,
      "percentage_covered":0.018996960486322188,
    }
  }
}
```



The diagram illustrates the structure of a JSON object representing test results. A red circle highlights the 'file' object within the 'source' object, which contains coverage data for a specific file. A red rectangle highlights the text 'File-level coverage (required)', with an arrow pointing to the 'file' object. The 'file' object contains the following fields: 'name' (the file path), 'covered' (an array of covered lines), 'uncovered' (an array of uncovered lines), 'total_covered' (the total number of covered lines), 'total_uncovered' (the total number of uncovered lines), and 'percentage_covered' (the percentage of lines covered).

