
Haf Documentation

Release 2.21.0

edison meng

Mar 28, 2019

Contents

1	The User Guide	1
1.1	Advanced Usage	1
1.2	How to get it	1
1.3	How to run	1
1.4	Others	2
2	The Community Guide	5
2.1	Frequently Asked Questions	5
2.2	Platform Independent	5
2.3	Python Version Dependent	5
2.4	Case Type Support	5
2.5	Report Support	6
2.6	Sql publish	6
2.7	HAF Framework	8
2.8	Loader	9
2.9	Runner	11
2.10	WebServer	12
2.11	SQL	12
2.12	Bus	12
2.13	Release Note	12
3	The API Documentation / Guide	13
3.1	Developer Interface	13
4	The Contributor Guide	15
	Python Module Index	17

This part of the documentation, which is mostly prose, begins with some background information about Haf, then focuses on step-by-step instructions for getting the most out of Haf.

1.1 Advanced Usage

1.2 How to get it

- using pip to get it
 - tsbxmw@ps# pip install haf --upgrade
- using git tool to get it
 - tsbxmw@ps# git clone <https://github.com/tsbxmw/haf>
 - tsbxmw@ps# cd haf
 - tsbxmw@ps# python setup.py install

1.3 How to run

- 1 using init to init workspace
 - python -m haf init
- or
 - git clone <https://github.com/tsbxmw/haf-sample>

- 2 run it in dir haf-sample
- run api case
`python -m haf run -c=config.json`
- run web ui case
`python -m haf run -c=config-web.json`
- 3 find the report at the data dir
using chrome or other browsers to open the html file

1.4 Others

- local bus mode, using local bus to run all cases
local bus is without `-bus-server(-bs)` args, when running the program, the bus would be created
- modify the config.json in testcases
change the log_path and report_path and case_path to your own path:

```
{
  "config": {
    "run": {
      "log": {
        "log_path": "D:/workspace/mine/python/haf/data"
      },
      "bus": {
        "only": false,
        "host": "",
        "port": "",
        "auth_key": ""
      },
      "report": {
        "report_path": "D:/workspace/mine/python/haf/data/report.html"
      },
      "case": [
        {
          "case_path": "D:/workspace/mine/python/haf/testcases/test.xlsx"
        },
        {
          "case_path": "D:/workspace/mine/python/haf/testcases/test2.json"
        },
        {
          "case_path": "D:/workspace/mine/python/haf/testcases/test1.xlsx"
        },
        {
          "case_path": "D:/workspace/mine/python/haf/testcases/test3.yml"
        }
      ],
      "runner": {
        "only": false,
        "count": 4
      },
      "loader": {
        "only": false
      }
    }
  }
}
```

(continues on next page)

(continued from previous page)

```

    },
    "recorder": {
        "only": false
    },
    "web_server": {
        "host": "",
        "port": "",
        "run": true
    }
}
}

```

- create testcase

create xlsx/json/yml file with template in testcases/

- run

- run with config:

```
python -m haf run -c=./testcases/config.json
```

- run with args:

```
python -m haf run -case=./testcases/test.xlsx,./testcases/test2.json -ld=./data -
↪rh=true -rod=./data/report.html
```

- other run args

- run with multi-runners (4 runners):

```
python -m haf run -rc=4
```

- run with web server:

```
python -m haf run -ws=true
```

- run with only-mode:

```

# only loader
python -m haf run -ol=true
# only bus
python -m haf run -ob=true
# only runner
python -m haf run -or=true
# only recorder
python -m haf run -ore=true

```

- web api server suport

- get loader infos

<http://localhost:8888/loader>

- get runner infos

<http://localhost:8888/runner>

- get result infos

<http://localhost:8888/result>

- get report infos

<http://localhost:8888/report>

This part of the documentation, which is mostly prose, details the Haf ecosystem and community.

2.1 Frequently Asked Questions

This part of the documentation answers common questions about Haf.

2.2 Platform Independent

- Windows support
- Linux support

2.3 Python Version Dependent

- Support : Python 3.5 +
- No Support : Python 2.X

2.4 Case Type Support

- http api case support
- web ui case support
- app ui case support

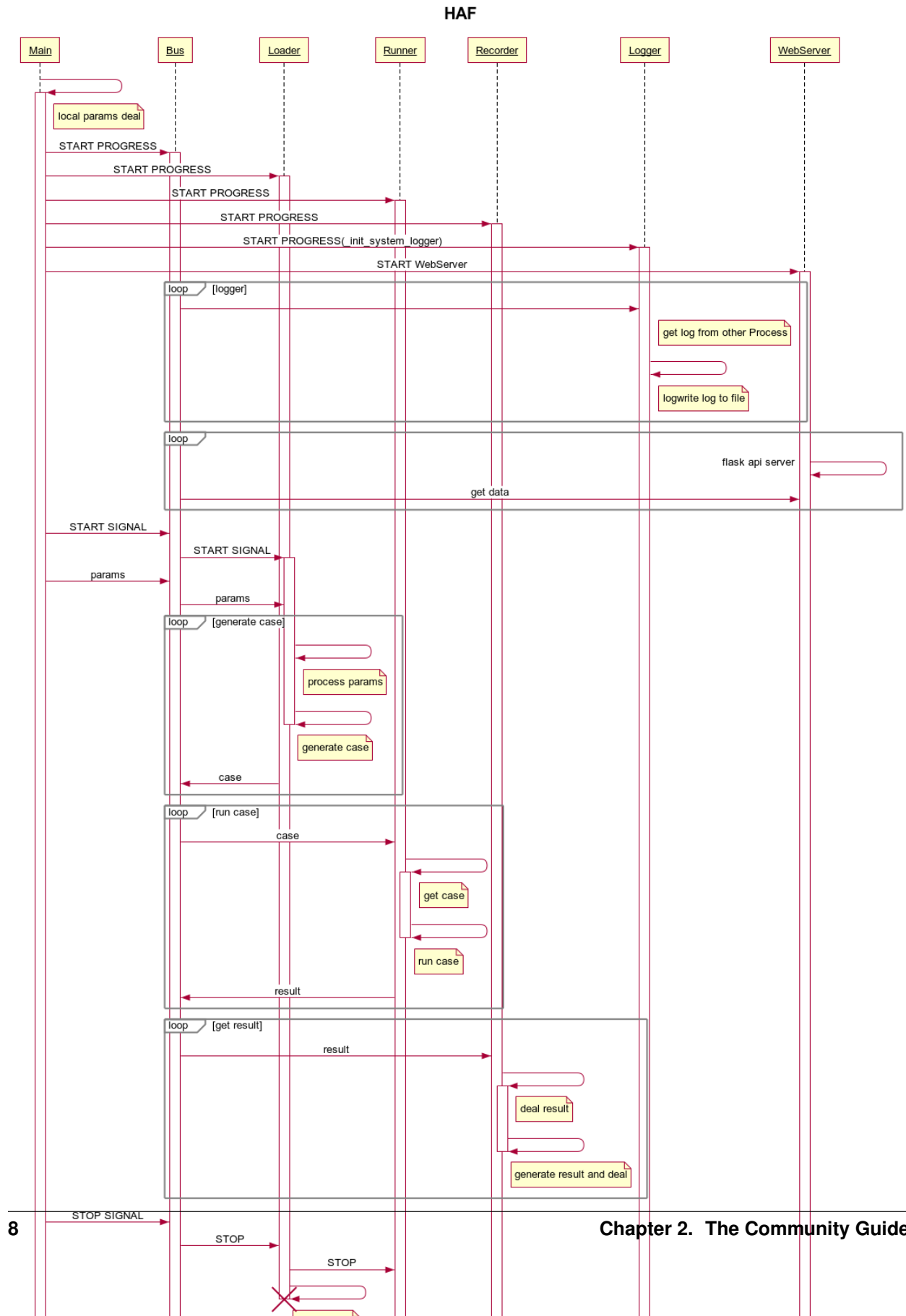
2.5 Report Support

- api report support
- ui report support

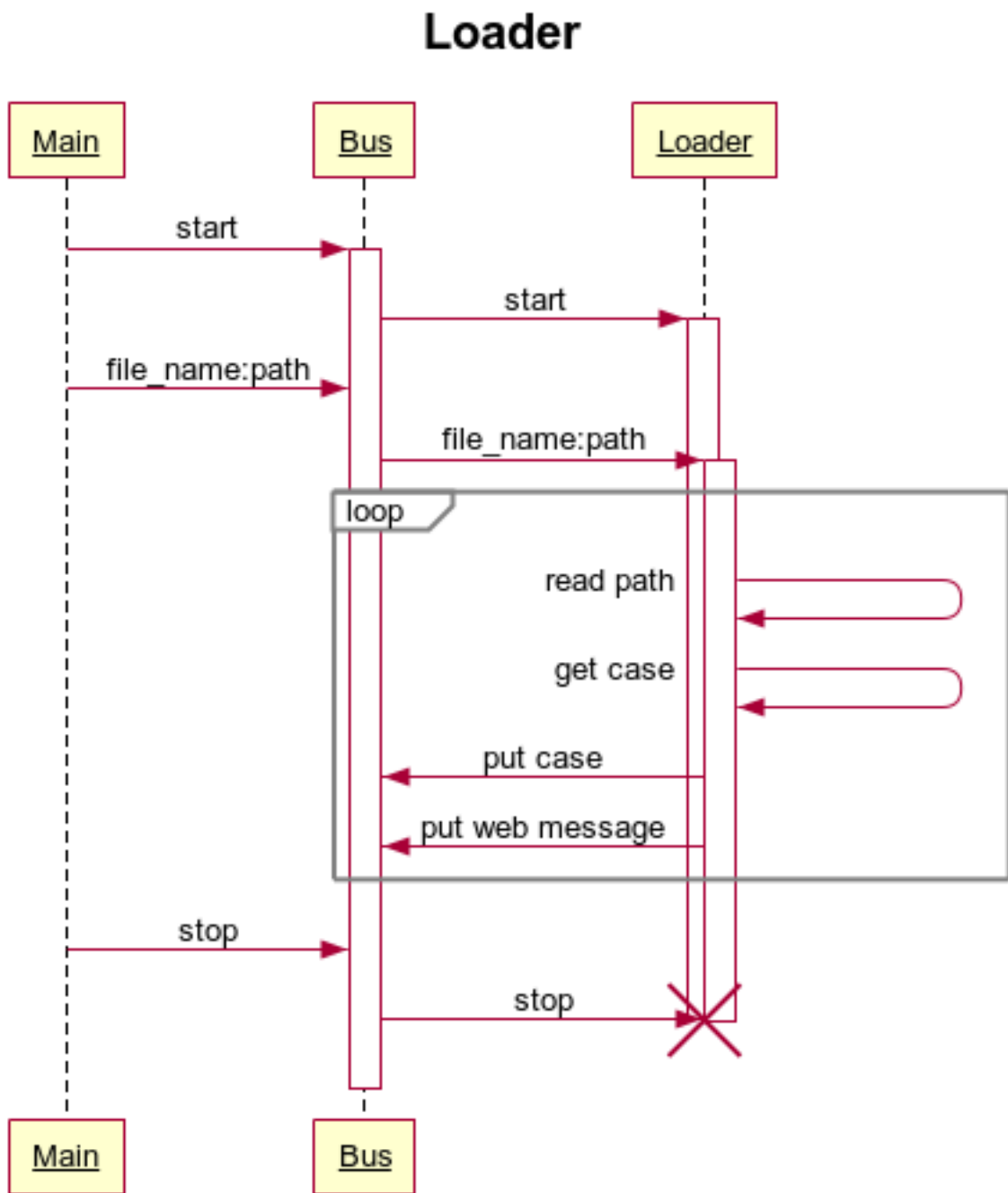
2.6 Sql publish

- mysql

2.7 HAF Framework

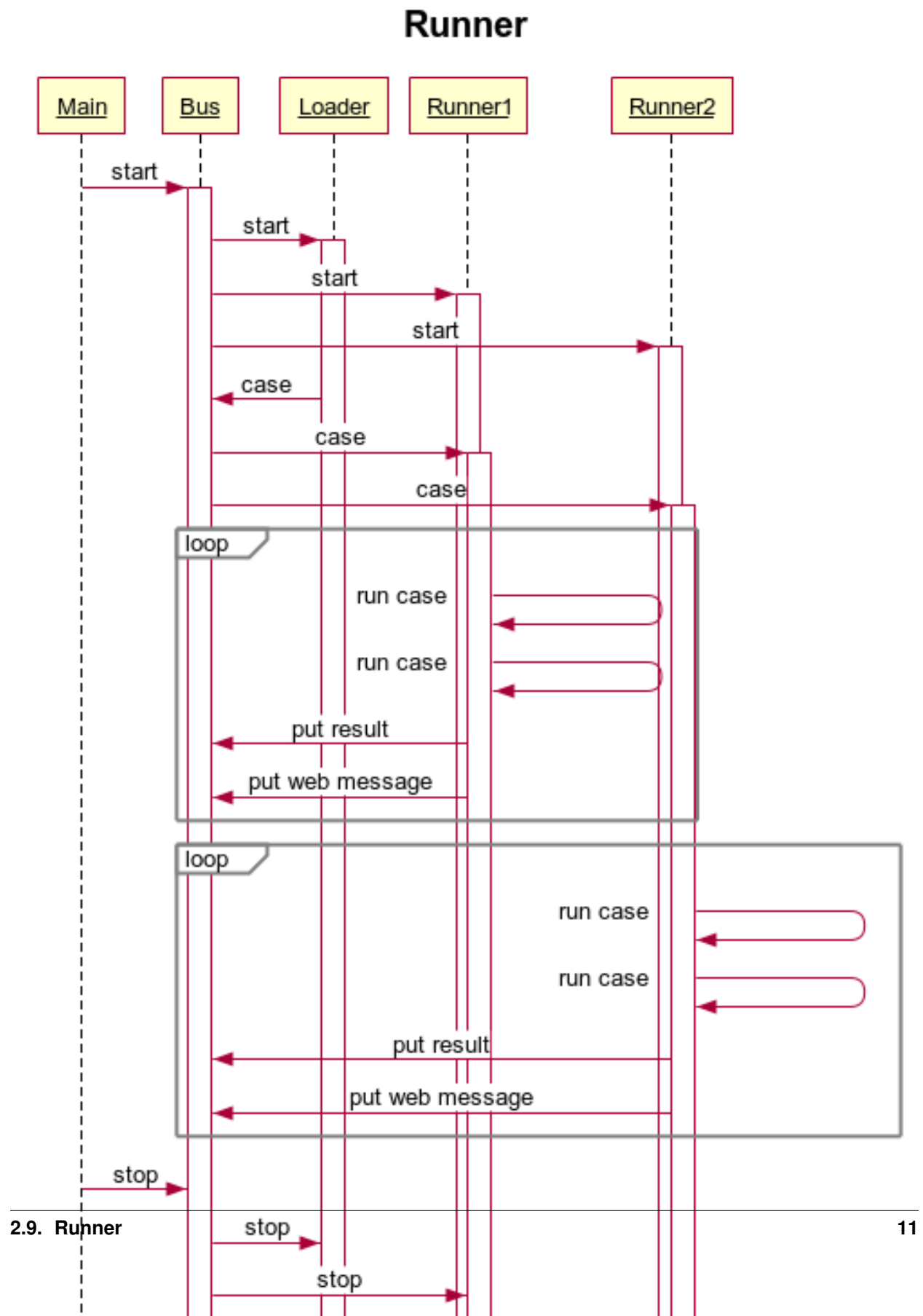


2.8 Loader



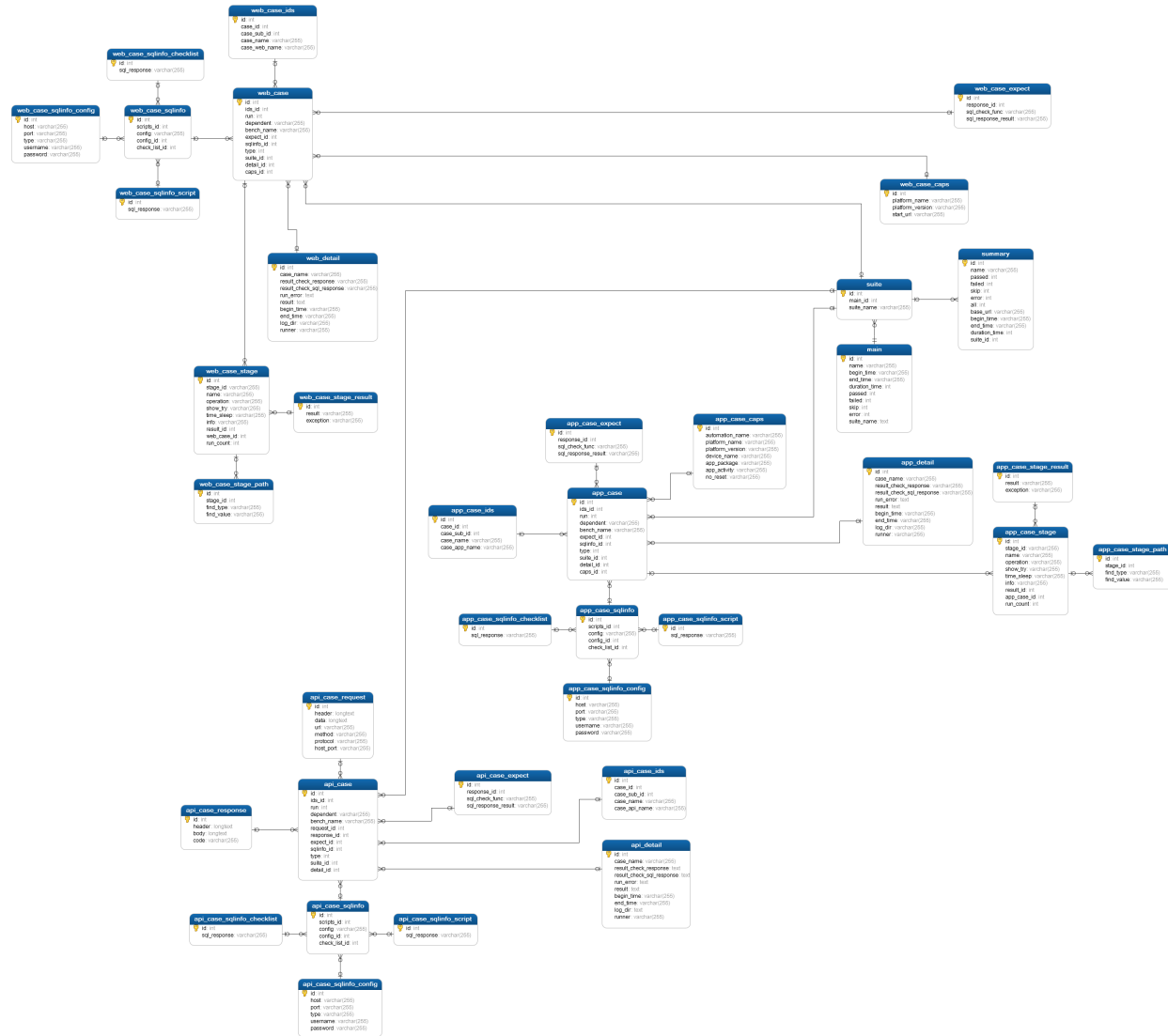
www.websequencediagrams.com

2.9 Runner



2.10 WebServer

2.11 SQL



2.12 Bus

2.13 Release Note

<https://github.com/tsbxmw/haf/blob/dev-2.1.0/docs/releasenote.md>

The API Documentation / Guide

If you are looking for information on a specific function, class, or method, this part of the documentation is for you.

3.1 Developer Interface

This part of the documentation covers all the interfaces of haf. For parts where haf depends on external libraries, we document the most important right here and provide links to the canonical documentation.

CHAPTER 4

The Contributor Guide

If you want to contribute to the project, this part of the documentation is for you.

There are no more guides. You are now guideless. Good luck.

h

haf, [13](#)

H

haf (*module*), 13