```
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/add_resource.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Cricket-32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Cricket-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Cricket-64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Cricket-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Grasshopper-32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Grasshopper-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Grasshopper-64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Binaries/Grasshopper-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/build_cricket.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/build_grasshopper.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/decode_log.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/builder.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/catalog.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/codes.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/directory.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/file.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/grasshopper.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/network.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/os.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/param.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/process.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/reg_key.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/reg_value.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/unit_tests/
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_directory.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_file.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_grasshopper.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_import.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_network.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_operator.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_os.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_process.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_reg_key.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/test_reg_value.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/facts/unit_tests/__pycache__/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/facts/__pycache__/
```

```
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/modules.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/obfuscate.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/pyparsing.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/result.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/rule.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/rule_library.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/complex_string.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/fields.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/iso_date.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/log.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/multi_byte.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/pefile.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/resmanip.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/symbol_table.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/unit_tests/
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_complex_string.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_fields.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_init.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_iso_date.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_multi_byte.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_shared.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/test_symbol_table.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/shared/unit_tests/__pycache__/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/shared/__pycache__/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/unit_tests/
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/unit_tests/test_catalog.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/unit_tests/test_obfuscate.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/unit_tests/test_shared.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/unit_tests/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/grasshopper/unit_tests/__pycache__/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/__init__.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/grasshopper/__pycache__/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/bermuda.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/Bermuda.xml
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/PM-SchTaskExe-
32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/PM-SchTaskExe-
64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/Stub-SchTaskExe-
Disk-32.exe
```

```
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/Stub-SchTaskExe-
Disk-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/Stub-SchTaskExe-
Memory-GH1-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Bermuda/Stub-SchTaskExe-
Memory-GH1-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/PM-Registry-32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/PM-Registry-64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/PM-
ServiceDllHijack-32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/PM-
ServiceDllHijack-3264.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/PM-
ServiceDllHijack-64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Service_Unhijack-
32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Service_Unhijack-
64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Stub-GenericExe-
Disk-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Stub-GenericExe-
Disk-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Stub-GenericExe-
Memory-GH1-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/common/Stub-GenericExe-
Memory-GH1-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/crab-64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/crab.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/crab.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/Crab.xml
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/Stub-ServiceExe-Disk-
32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/Stub-ServiceExe-Disk-
64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/Stub-ServiceExe-
Memory-GH1-32.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Crab/Stub-ServiceExe-
Memory-GH1-64.exe
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Null/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Null/null.py
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Null/Null.xml
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Null/PM-Null-32.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Modules/Null/PM-Null-64.dll
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/asn-64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/asn.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Bin/Payloads/assassin/assassin_payloads.xml
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/extractor.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/launcher-32.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/launcher-64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/svc-
extractor.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/svc-installer-
32.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Payloads/assassin/svc-installer-
```

```
64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/am-admin-32.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/am-admin-64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/am-admin.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/avg.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/avira.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/dotnet-CLR-2.0.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/eset.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/false.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/is-32.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/is-64.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/kaspersky.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/mcafee-is.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/mcafee-tp.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/msse.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-avg.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-avira.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-eset.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-kaspersky.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-mcafee-is.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-mcafee-tp.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-msse.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-norton-360.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-norton-is.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-rising.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/no-zonealarm.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/norton-360.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/norton-is.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/not-super.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/rising.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/super.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/true.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Bin/Rules/zonealarm.rule
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Doc/
./2012-07-12_12-47-49_grasshopper_1.0_beta-
5/Doc/GHModule_Bermuda_v1.0_Users_Guide.pdf
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Doc/GHModule_Crab_v1.0_Users_Guide.pdf
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Doc/GHModule_Null_v1.0_Users_Guide.pdf
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Doc/Grasshopper_v1.0_Admin_Guide.pdf
./2012-07-12_12-47-49_grasshopper_1.0_beta-5/Doc/Grasshopper_v1.0_Users_Guide.pdf
```