

ModCBroker: List of changes

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1 Changes in interface specifications.

- 3.2.0 - 3.3.0 support of form-based authorization.
- 3.1.1 - 3.2.0 support of Apache httpd 2.2 branch
- 3.1.0 - 3.1.1 none
- 3.0.0 - 3.1.0
 - Added Apache API for interaction with other modules.
- 2.0.6 - 3.0.0 Changed API (look at Migration Guide for details).
- 2.0.5 - 2.0.6 none.
- 2.0.4 - 2.0.5 deleted obsolete HTTPStream::destroy method. (deprecated year ago)
- 2.0.3 - 2.0.4 none.
- 2.0.2 - 2.0.3 none.
- 2.0.2 - 2.0.3 none.

- 2.0.1 - 2.0.2 none.
- 2.0.1 - 2.0.2 none.
- 2.0.0 - 2.0.1 none.
- 1.0.4 - 2.0.0 Authorization and handler creation methods are joined. Old API are still accessible via interface `Servlet_1_0`
- 1.0.3 - 1.0.4 none.
- 1.0.2 - 1.0.3 none.
- 1.0.1 - 1.0.2 none.
- 1.0 - 1.0.1 none.
- 0.9 - 1.0 none.
- 0.8 - 0.9 structure `BinaryParameter` is added, field `binary_parameters` is added to structure `RequestInfo`

2 Changes of functional characteristics

- 3.2.0 - 3.3.0 support of form-based authorization.
- 3.1.1 - 3.2.0 none
- 3.1.0 - 3.1.1 none
- 3.0.0 - 3.1.0
 - Added filters.
 - Added Apache API for interaction with other modules.
- 2.0.6 - 3.0.0 ported to Apache-2.0.
- 2.0.5 - 2.0.6 none.
- 2.0.4 - 2.0.5 none
- 2.0.3 - 2.0.4 integration with plain `mod_auth`
- 2.0.2 - 2.0.3 none.
- 2.0.1 - 2.0.2 none.
- 2.0.0 - 2.0.1 none.
- 1.0.4 - 2.0.0 none.
- 1.0.2 - 1.0.4 added integration of `mod_ssl`.

- 1.0.2 - 1.0.3 none.
- 1.0.1 - 1.0.2 none.
- 1.0 - 1.0.1 none.
- 0.9 - 1.0 none.
- 0.8 - 0.9 added handling of binary data, passed as `multipart/form-data`

3 Changes of implementation characteristics

- 3.2.0 - 3.3.0 support of form-based authorization.
- 3.1.1 - 3.2.0
 - added gcc-4.1.1 support
 - fixed bug which can cause apache httpd core dump on high load
- 3.1.0 - 3.1.1
 - added MICO support
 - added gcc-3.2 support
- 3.0.0 - 3.1.0
 - changed administration interface.
 - Java demo ported to Sun JDK ORB.
 - Added module for call from websh
 - Changed behavior of ModCbroker on unsuccessful authorization.
 - Restructuring of source code.
- 2.0.6 - 3.0.0
 - changed administration interface.
 - added packet API.
- 2.0.5 - 2.0.6
 - added support (yet unofficial) for Orbix/E-2.0 and Visibroker
 - fixed bug, which could lead to compilation failure of ModCbroker on Linux/OmniORB platform.
 - fixed bug in distribution script: phantom directory deleted.
 - bug in configuration file `env_inc.mak` leading to installation failure under Windows NT fixed;
 - bug in `src/Makefile.nt` file leading to linking of `libcbroker.dll` failure under Windows NT fixed.

- 2.0.4 - 2.0.5
 - Better error reporting for ORB-s which have no


```
std::ostream& operator<<(std::ostream&,const CORBA::SystemException&);
```
 - Fixed bug, which can cause server restart while handling some special cases of incorrect request.
- 2.0.3 - 2.0.4
 - Fixed compilation on FreeBSD with omniORB
 - Fixed bug, which can cause apache restart in some special cases.
 - Fixed bug in demo/CountServlet.
 - Fixed bug, which made coexistence of mod_cbroker and plain mod_auth impossible.
 - Stopped support for non-POA ORB-s.
 - Added support of Sun Sloaris 2.8 with Sun CC 6.2
 - Stopped support of Sun Sloaris 2.6 with Sun CC 4.2
 - corbaconf subsystem updated
 - changed structure of source code for better maintainability.
- 2.0.2 - 2.0.3
 - Fixed bug, which can cause apache restart after replying on incorrect request.
- 2.0.1 - 2.0.2
 - determination of `CORBA_SYSTEM_EXCEPTION_IS_STREAMBLE` added to demo configuration file.
 - Optimized HTTPStream destruction on POA based ORB.
 - Fixed configuration error when usage of omniORB is set in configure flags.
 - Added explicit support for compilation with omniORB on i386 Linux platforms (omniORB config header can't determine type of architecture only by predefined preprocessor symbols) omniBroker.
- 2.0.0 - 2.0.1
 - Fixed run-time bug, when `mod_cbroker` is compiled with Apache version 1.3.19 or more on Windows NT. Now servlet and handler are determined by URI, not by undocumented `request_rec` field `path_info` as before.
 - Changed order of installation for Windows NT.
- 1.0.4 - 2.0.0

- Added (and enabled by default) compilation of `mod_cbroker` as DSO module.
- alarm blocked and timeout-setting policies are reviewed.
- Fixed bug, which can cause restarting of web server process, when `CORBA::SystemException` is generated from Servlet.
- 1.0.3 - 1.0.4
 - Fixed bug in implementation of cookies protocol, which can cause incorrect work of method `HTTPStream::set_cookie`
 - Added 'throw' specifications to implementation modules.
 - Quality Assurance review of FileUpload primer.
 - -DEAPI added to compilation modules for out of the box `mod_ssl` support.
 - FreeBSD-4.stable after 4.2 is supported.
- 1.0.2 - 1.0.3
 - Changes in error handling: assured, that if `CORBA::SystemException` thrown in process of interaction between `cbroker` and Servlet, then this exception is logged.
 - configuration scheme updated to latest `corbaconf` version.
 - added FileUpload directory to subdirs in `demos/Makefile.in`
 - extra output from demos is deleted.
- 1.0.1 - 1.0.2
 - Increased buffer, for receiving chunk of client data stream.
 - Inserted ORB cleanup when child process exits.
 - Memorizing optimization for "getServletByName" is applied.
 - Fixed bug in handling of user `ExternalException`
- 1.0 - 1.0.1 none
- 0.9 - 1.0
 - added support for Orbacus-4.x
- 0.9 - 0.8 - few minor bugs fixed, debug output disabled

4 Changes in documentation

- 3.2.0 - 3.3.0 extended Administration guide.
- 3.0.0 - 3.1.0 extended Administration and Programmers guide.
- 2.0.6 - 3.0.0 Review of all documents, added Migration Guide.
- 2.0.5 - 2.0.6 none.
- 2.0.4 - 2.0.5 cosmetics review of ProgrammersGuide.
- 2.0.3 - 2.0.4 Administrations Guide extended.
- 2.0.2 - 2.0.3 ProgrammersGuide extended.
- 2.0.1 - 2.0.2 none
- 2.0.0 - 2.0.1
 - Review of Administration Guide.
- 1.0.4 - 2.0.0
 - Review of Administration Guide.
 - Review of Programmer Guide.
 - Review of General Description.
- 1.0.3 - 1.0.4 none
- 1.0.2 - 1.0.3 none
- 1.0.1 - 1.0.2
 - Few grammar bugs fixed.
 - English version is reviewed.
 - "General Description" is added to documentation set.
 - "Teichnicheskoe Zadanie" is removed from documentation set.
 - "List of changes" is added to documentation set.
 - Formal document tracking attributes is added to documentation.
- 1.0 - 1.0.1
 - Added phrase about Apache configuring in Administration Guide.
 - API description is added to documentation set.
- 0.9 - 1.0 review
- 0.8 - 0.9 none

5 Changes in distribution set

- 3.2.0 - 3.3.0 none
- 3.1.0 - 3.2.0
 - updated corbaconf macroses
 - added macros for determination of apr library installed outside httpd tree.
- 3.0.0 - 3.1.0 added extension for interaction with tcl.
- 3.0.0 - 2.0.6
 - example HelloWorldServlet_1.0.cpp excluded from package.
 - Migration Guide added to distribution set.
- 2.0.5 - 2.0.6 example FileUploadServlet_1.0.cpp excluded from package.
- 2.0.2 - 2.0.5 binary distribution can be provided.
- 2.0.1 - 2.0.2 Example of java cbroker client is added to distribution set.
- 2.0.0 - 2.0.1 none
- 1.0.4 - 2.0.0
 - Added CountCookies example.
 - Second copy with old API using is created for all old examples.
 - Updated corbaconf macroses.
- 1.0.3 - 1.0.4 none
- 1.0.2 - 1.0.3
 - corbaconf macroses updated from latest version.
- 1.0.1 - 1.0.2
 - Source codes for autoconf macroses added to distributive
 - Documentation set is changed.
- 1.0 - 1.0.1
 - Documentation set is changed.
- 0.9 - 1.0
 - "FileUpload" is added to examples.

6 List of deployed or published versions

- 3.3.0
 - begin of supplement - 15.10.2008
- 3.2.0
 - begin of supplement - 13.06.2007
 - support discontinue - policy of of support contract.
 - actions, which must be performed for dependant software support:
none
- 3.1.1
 - begin of supplement - 23.05.2003
 - support discontinue - policy of of support contract.
 - actions, which must be performed for dependant software support:
none
- 3.1.0
 - begin of supplement - 17.02.2003
 - support discontinue - policy of support contract.
 - actions, which must be performed for dependant software support:
none
- 3.0.0
 - begin of supplement - 20.06.2002
 - support discontinue - 20.06.2003
 - actions, which must be performed for dependant software support:
described in Migration Guide
- 2.0.6
 - begin of supplement - 20.04.2002
 - support discontinue - 20.04.2003
 - actions, which must be performed for dependant software support:
described in Migration Guide
- 2.0.5
 - begin of supplement - 26.02.2002
 - support discontinue - 26.02.2003
 - actions, which must performed for dependant software support: de-
scribed in Migration Guide

- 2.0.4
 - beginning of supplement - 16.01.2002
 - support discontinue - 20.04.2002
 - actions, which must be performed for dependant software support:
none
- 2.0.3
 - begin of supplement - 16.08.2001
 - support discontinue - 20.02.2002
 - actions, must performed for depended software support: none
- 2.0.2
 - begin of supplement - 11.07.2001
 - support discontinue - 20.08.2001
 - actions, which must be performed for dependant software support:
none
- 2.0.1
 - begin of supplement - 22.06.2001
 - support discontinue - 20.08.2001
 - actions, which must be performed for dependant software support:
none
- 2.0.0
 - begin of supplement - 06.06.2001
 - support discontinue - 20.08.2001
 - actions, which must be performed for dependant software support:
none
- 1.0.4
 - begin of supplement - 09.04.2001
 - support discontinue - 20.08.2001
 - actions, which must be performed for dependant software support:
 - * Changed all instances of `POA_HTTP::Servlet` to `POA_HTTP::Servlet_1_0` in dependant software.
 - * If program in development, we recommend migration to 2.0 API.
- 1.0.3
 - beginning of supplement - 17.03.2001

- 1.0.2
 - beginning of supplement - 02.02.2001
 - support discontinue - 01.04.2001
 - actions, which must be performed for dependant software support: none. All interfaces specifications are fully compatible.
- 1.0.1
 - beginning of supplement - 28.11.2000
 - support discontinue - 01.04.2001
 - actions, which must performed for dependant software support: none. All interfaces specifications are fully compatible.
- 1.0
 - begin of supplement - 28.11.2000
 - support discontinue - 01.04.2001
 - actions, which must be performed for dependant software support: none. All interfaces specifications are fully compatible.
- 0.9
 - beginning of supplement - 30.05.2000
 - support discontinue - 30.11.2000
 - actions, which must be performed for dependant software support: recompilation with version 1.0 stubs
- 0.8
 - begin of supplement - 15.05.2000
 - support discontinue - 30.11.2000
 - actions, must performed for dependant software support: recompilation with version 1.0 stubs
- 0. part of GradDOC 1.x branch.
 - beginning of supplement - 13.08.1999
 - support discontinue - 15.05.2000
 - actions, which must be performed for dependant software support: migration to mod_cbroker