



Documentation

FAQ

The FAQ/knowledge base. Version 2.3.2 Edition

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Table of Contents

Preface	vii
1. Feature List	1
1. FAQ Explorer	1
2. WYSIWYG Editor	1
3. FAQ Articles	1
4. FAQ Attachments	1
5. Agent And Customer Interfaces	1
6. Comfortable Navigation / Clickable Keywords	1
7. Linked Objects	1
8. Full-text And Quick Search	1
9. Top 10 Articles	1
10. Ranking / Voting Of FAQ Articles	1
11. Inserting FAQ Articles In OTRS Replies	1
12. Release Workflow	2
13. RSS Feeds For Public FAQ Articles	2
14. OpenSearch Format	2
15. Create Links Using The Category Name	2
16. Generic Interface FAQ Connector For Public Interface	2
2. System Requirements	4
1. Framework	4
2. Packages	4
3. Operating System	4
4. Third Party Software	4
3. Installation	5
1. Admin Interface	5
2. Command Line	5
4. Configuration	6
1. General	6
1.1. FAQ::Agent::StateTypes.	6
1.2. FAQ::Customer::StateTypes.	6
1.3. FAQ::Public::StateTypes.	6
1.4. FAQ::Default::RootCategoryName.	6
1.5. FAQ::Default::RootCategoryComment.	6
1.6. FAQ::Item::Voting::Rates.	6
1.7. FAQ::Item::Voting::Show.	6
1.8. FAQ::Explorer::Path::Show.	6
1.9. FAQ::Explorer::ItemList::VotingResultDecimalPlaces.	6
1.10. FAQ::Explorer::ItemList::VotingResultColors.	7
1.11. FAQ::Explorer::Path::Separator.	7
1.12. FAQ::Explorer::QuickSearch::Show.	7
1.13. FAQ::Explorer::LastChange::Show.	7
1.14. FAQ::Explorer::LastChange::ShowSubCategoryItems.	7
1.15. FAQ::Explorer::LastChange::Limit.	7
1.16. FAQ::Explorer::LastCreate::Show.	7
1.17. FAQ::Explorer::LastCreate::ShowSubCategoryItems.	7
1.18. FAQ::Explorer::LastCreate::Limit.	7
1.19. FAQ::Explorer::Top10::Show.	7
1.20. FAQ::Explorer::Top10::Limit.	7
1.21. FAQ::Explorer::Top10::ShowSubCategoryItems.	8
1.22. FAQ::FAQHook.	8
1.23. FAQ::Default::State.	8

1.24. FAQ::ApprovalRequired.	8
1.25. FAQ::ApprovalGroup.	8
1.26. FAQ::ApprovalQueue.	8
1.27. FAQ::ApprovalTicketSubject.	8
1.28. FAQ::ApprovalTicketBody.	8
1.29. FAQ::ApprovalTicketPriority.	8
1.30. FAQ::ApprovalTicketDefaultState.	8
1.31. FAQ::ApprovalTicketType.	9
1.32. FAQ::Item::Field1.	9
1.33. FAQ::Item::Field2.	9
1.34. FAQ::Item::Field3.	9
1.35. FAQ::Item::Field4.	9
1.36. FAQ::Item::Field5.	9
1.37. FAQ::Item::Field6.	9
1.38. LinkObject::PossibleLink###8301.	9
1.39. LinkObject::PossibleLink###8302.	9
1.40. LinkObject::PossibleLink###8303.	9
1.41. LinkObject::PossibleLink###8304.	10
1.42. Frontend::Module###AgentFAQExplorer.	10
1.43. CustomerFrontend::Module###CustomerFAQExplorer.	10
1.44. FAQ::Frontend::CustomerFAQExplorer###SearchLimit.	10
1.45. FAQ::Frontend::CustomerFAQExplorer###SearchPageShown.	10
1.46. FAQ::Frontend::CustomerFAQExplorer###SortBy::Default.	10
1.47. FAQ::Frontend::CustomerFAQExplorer###Order::Default.	10
1.48. PublicFrontend::CommonParam###Action.	10
1.49. PublicFrontend::Module###PublicFAQExplorer.	10
1.50. FAQ::Frontend::PublicFAQExplorer###SearchLimit.	10
1.51. FAQ::Frontend::PublicFAQExplorer###SearchPageShown.	11
1.52. FAQ::Frontend::PublicFAQExplorer###SortBy::Default.	11
1.53. FAQ::Frontend::PublicFAQExplorer###Order::Default.	11
1.54. PublicFrontend::Module###PublicFAQRSS.	11
1.55. FAQ::Item::HTML.	11
1.56. Frontend::HeaderMetaModule###3-FAQSearch.	11
1.57. CustomerFrontend::HeaderMetaModule###3-FAQSearch.	11
1.58. PublicFrontend::HeaderMetaModule###3-FAQSearch.	11
1.59. Frontend::Output::FilterElementPost###FAQ.	11
1.60. Frontend::Output::OutputFilterTextAutoLink###FAQ.	11
1.61. Frontend::Module###AgentFAQAdd.	12
1.62. Frontend::Module###AgentFAQEdit.	12
1.63. Frontend::Module###AgentFAQLanguage.	12
1.64. Frontend::Module###AgentFAQCategory.	12
1.65. Frontend::Module###AgentFAQSearch.	12
1.66. Frontend::Module###AgentFAQSearchSmall.	12
1.67. Frontend::Search###FAQ.	12
1.68. FAQ::Frontend::Overview###Small.	12
1.69. FAQ::Frontend::AgentFAQSearch###ShowColumns.	12
1.70. FAQ::Frontend::AgentFAQSearch###SortBy::Default.	12
1.71. FAQ::Frontend::AgentFAQSearch###Order::Default.	13
1.72. FAQ::Frontend::AgentFAQSearch###SearchLimit.	13
1.73. FAQ::Frontend::AgentFAQExplorer###ShowColumns.	13
1.74. FAQ::Frontend::AgentFAQExplorer###SortBy::Default.	13
1.75. FAQ::Frontend::AgentFAQExplorer###Order::Default.	13
1.76. FAQ::Frontend::AgentFAQExplorer###SearchLimit.	13
1.77. PreferencesGroups###FAQOverviewSmallPageShown.	13

1.78. Frontend::Module###AgentFAQZoom.	13
1.79. Frontend::Module###AgentFAQRichText.	13
1.80. FAQ::Frontend::MenuModule###000-Back.	13
1.81. FAQ::Frontend::MenuModule###010-Edit.	14
1.82. FAQ::Frontend::MenuModule###020-History.	14
1.83. FAQ::Frontend::MenuModule###030-Print.	14
1.84. FAQ::Frontend::MenuModule###040-Link.	14
1.85. FAQ::Frontend::MenuModule###050-Delete.	14
1.86. CustomerFrontend::Module###CustomerFAQZoom.	14
1.87. CustomerFrontend::Module###CustomerFAQSearch.	14
1.88. FAQ::Frontend::CustomerFAQSearch###SearchLimit.	14
1.89. FAQ::Frontend::CustomerFAQSearch###SearchPageShown.	14
1.90. FAQ::Frontend::CustomerFAQSearch###SortBy::Default.	14
1.91. FAQ::Frontend::CustomerFAQSearch###Order::Default.	15
1.92. Frontend::Module###AgentFAQPrint.	15
1.93. CustomerFrontend::Module###CustomerFAQPrint.	15
1.94. PublicFrontend::Module###PublicFAQSearch.	15
1.95. FAQ::Frontend::PublicFAQSearch###SearchLimit.	15
1.96. FAQ::Frontend::PublicFAQSearch###SearchPageShown.	15
1.97. FAQ::Frontend::PublicFAQSearch###SortBy::Default.	15
1.98. FAQ::Frontend::PublicFAQSearch###Order::Default.	15
1.99. PublicFrontend::Module###PublicFAQZoom.	15
1.100. PublicFrontend::Module###PublicFAQ.	15
1.101. PublicFrontend::Module###PublicFAQPrint.	16
1.102. Frontend::Module###AgentFAQJournal.	16
1.103. FAQ::Frontend::AgentFAQJournal###ShowColumns.	16
1.104. FAQ::Frontend::AgentFAQJournal###JournalLimit.	16
1.105. PreferencesGroups###FAQJournalOverviewSmallPageShown.	16
1.106. FAQ::Frontend::JournalOverview###Small.	16
1.107. Frontend::Module###AgentFAQHistory.	16
1.108. Frontend::Module###AgentFAQDelete.	16
1.109. FAQ::TicketCompose###InsertMethod.	16
1.110. FAQ::TicketCompose###IncludeInternal.	16
1.111. FAQ::TicketCompose###ShowFieldNames.	17
1.112. FAQ::TicketCompose###ShowInsertTextButton.	17
1.113. FAQ::TicketCompose###ShowInsertLinkButton.	17
1.114. FAQ::TicketCompose###ShowInsertTextAndLinkButton.	17
1.115. FAQ::MultiLanguage.	17
1.116. FAQ::Default::Language.	17
1.117. Loader::Agent::CommonCSS###200-FAQ.	17
1.118. Loader::Agent::CommonJS###200-FAQ.	17
1.119. FAQ::Voting.	17
1.120. FAQ::CacheTTL.	17
1.121. DashboardBackend###0398-FAQ-LastChange.	18
1.122. DashboardBackend###0399-FAQ-LastCreate.	18
1.123. GenericInterface::Operation::Module###FAQ::LanguageList.	18
1.124. GenericInterface::Operation::Module###FAQ::PublicCategoryList.	18
1.125. GenericInterface::Operation::Module###FAQ::PublicFAQGet.	18
1.126. GenericInterface::Operation::Module###FAQ::PublicFAQSearch.	18
1.127. FAQ::Frontend::AgentHTMLFieldHeightDefault.	18
1.128. FAQ::Frontend::AgentHTMLFieldHeightMax.	18
1.129. FAQ::Frontend::CustomerHTMLFieldHeightDefault.	18
1.130. FAQ::Frontend::CustomerHTMLFieldHeightMax.	19
1.131. FAQ::Frontend::AgentFAQAdd###RichTextWidth.	19

1.132. FAQ::Frontend::AgentFAQAdd###RichTextHeight.	19
1.133. FAQ::Frontend::AgentFAQEdit###RichTextWidth.	19
1.134. FAQ::Frontend::AgentFAQEdit###RichTextHeight.	19
1.135. Frontend::ToolBarModule###90-FAQ::AgentFAQAdd.	19
2. Approval function	19
5. Usage	21
1. Create A New FAQ Article	21
2. Create a New Category	22
3. Create a New Language	22
6. File List	23
7. Tests	28
1. Test Cases	28
2. Unit Tests	28
8. ChangeLog	29
9. Contacts	30
1. OTRS AG	30
A. Generic Interface FAQ Connector Configuration	31
1. Web Service configuration	31
B. Generic Interface FAQ Connector API	33
1. LanguageList	33
2. PubliCategoryList	33
3. PublicFAQGet	34
4. PublicFAQSearch	37

List of Tables

4.1. Variables for FAQ Approval message	19
-----------------------------------------------	----



Preface

The FAQ Module is an OTRS extension providing an FAQ or rather a knowledge database.

It facilitates speeding-up the knowledge transfer between agents or (using a public web interface) between organizations and their customers, therefore effectively saving time.

If you have questions regarding this package, please contact your support team [<support@otrs.com>](mailto:support@otrs.com) for more information.



Chapter 1. Feature List

1. FAQ Explorer

Intuitive navigation and flexible mapping of theme hierarchies within the FAQ Explorer enable easy navigation through the database.

2. WYSIWYG Editor

Using the WYSIWYG Editor you can change the formatting of articles and include screen shots or images.

3. FAQ Articles

FAQ articles with various attributes like "Symptom", "Problem", "Solution", "Title", "Language", "Category", "Keywords", "State", "Created" and "Changed"

4. FAQ Attachments

You can add attachments to FAQ articles, which are available in the customer interface, too (e. g. user guides in pdf format).

5. Agent And Customer Interfaces

Using the FAQ state you can determine the interface(s), in which an FAQ article should be displayed. Articles with their state set to "internal" are only visible for agents via the Agent Interface; Articles whose state is set to "external" are also displayed in the protected customer section, and articles tagged as "public" are available in the non-protected public area as well.

6. Comfortable Navigation / Clickable Keywords

The key words feature enables comfortable navigation to alternative articles using clickable key words.

7. Linked Objects

FAQ articles can be linked to other objects such as tickets, FAQ articles or (CMDB) configuration items.

8. Full-text And Quick Search

You can execute a full-text and quick search in the entire knowledge database. You can also use OTRS operators for "AND" or "OR" relations.

9. Top 10 Articles

An overview showing the Top 10 most often accessed, most recently generated and most recently changed articles.

10. Ranking / Voting Of FAQ Articles

A personal ranking / voting of FAQ articles providing other users with information about the quality of FAQ articles.

11. Inserting FAQ Articles In OTRS Replies

You can insert FAQ articles (including images and attachments) in new tickets or replies you generate in OTRS.

12. Release Workflow

Workflow to release FAQ articles that have been newly generated or changed.

13. RSS Feeds For Public FAQ Articles

In the public area, an option is provided to subscribe to RSS Feeds providing information about changes in FAQ articles.

14. OpenSearch Format

The FAQ Module supports Open Search format (enabling quick searches directly from the browser).

15. Create Links Using The Category Name

From FAQ 2.2.x it is possible to refer to FAQ items by creating a link for web browser using the category name instead of just the category ID

To be able to use this feature just replace the CategoryID parameter with Category parameter in your current links. Category parameter is the full category path, each sub-category is separated by "::" (which is also called the "Category Long Name"). Imagine the following category tree:

```
| --GrandParent
|   |--Parent
|   |   |--Son
```

To create a link to the "Son" category we need to specify the following path: Category=GrandParent::Parent::Son.

See the link examples below:

from: <http://localhost/otrs/index.pl?Action=AdminFAQExplorer;CategoryID=1>

to: <http://localhost/otrs/index.pl?Action=AdminFAQExplorer;Category=Misc>

Other Examples:

<http://localhost/otrs/index.pl?Action=AdminFAQExplorer;Category=My%20Category>

<http://localhost/otrs/index.pl?Action=CustomerFAQExplorer;Category=GrandParent::Parent::Son>

<http://localhost/otrs/index.pl?Action=PublicFAQExplorer;Category=My%20Category::Subcategory>

16. Generic Interface FAQ Connector For Public Interface

Allow you to use the functions for FAQ public interface via OTRS Generic Interface by adding the following operations.

- LanguageList

This operation returns the list of all FAQ languages available in the system. The response of this operation is a list of languages including the ID and Name for each language.

- **PublicCategoryList**

This operation is used to get the system FAQ categories that have at least one public FAQ item, as a consequence also the category ancestors are also listed even if they don't have any public FAQ item. The output of this operation is a list of categories including ID and Name for each category.

- **PublicFAQSearch**

By using this operation is possible to perform a FAQ search for the public FAQ items using the same search parameters as in the public web interface. It will return a list of IDs for matched FAQ items.

- **PublicFAQGet**

This operation can be used to easily obtain one or more FAQ items. The response will one or more main containers called 'FAQItem' that has all the FAQ item information, including attachments, each attachment is represented by an 'Attachment' sub-containers and they could be more than one.

Note

Please take a look into the appendix: Generic Interface FAQ Connector Configuration below to learn more about how to activate this feature, as well as the appendix: Generic Interface FAQ Connector API for details on using the above functions.

Chapter 2. System Requirements

1. Framework

The following OTRS framework is required:

- 3.3.x

2. Packages

The following packages are required:

- None

3. Operating System

This package requires one of the following operating systems:

- None

4. Third Party Software

This third party software is required to use this package:

- None.

Chapter 3. Installation

The following instructions explain how to install the package.

After having successfully completed the installation, please follow the instructions provided in the chapter "First steps".

1. Admin Interface

Please use the following URL to install the package utilizing the Admin Interface (please note that you need to be in the "admin" group).

<http://localhost/otrs/index.pl?Action=AdminPackageManager>

2. Command Line

Whenever you cannot use the Admin Interface for whatever reason, you may use the following command line tool ("bin/otrs.PackageManager.pl") instead.

```
shell> bin/otrs.PackageManager.pl -a install -p /path/to/FAQ-2.3.2.opm
```

Chapter 4. Configuration

1. General

The package can be configured via the SysConfig in the Admin Interface. The following configuration options are available:

1.1. FAQ::Agent::StateTypes.

Group: FAQ, Subgroup: Interface.

List of state types which can be used in the agent interface.

1.2. FAQ::Customer::StateTypes.

Group: FAQ, Subgroup: Interface.

List of state types which can be used in the customer interface.

1.3. FAQ::Public::StateTypes.

Group: FAQ, Subgroup: Interface.

List of state types which can be used in the public interface.

1.4. FAQ::Default::RootCategoryName.

Group: FAQ, Subgroup: Core.

Default category name.

1.5. FAQ::Default::RootCategoryComment.

Group: FAQ, Subgroup: Core.

Default category name.

1.6. FAQ::Item::Voting::Rates.

Group: FAQ, Subgroup: Core::Item::Voting.

Rates for voting. Key must be in percent.

1.7. FAQ::Item::Voting::Show.

Group: FAQ, Subgroup: Core::Item::Voting.

Show voting in defined interfaces.

1.8. FAQ::Explorer::Path::Show.

Group: FAQ, Subgroup: Core::Explorer.

Show FAQ path yes/no.

1.9. FAQ::Explorer::ItemList::VotingResultDecimalPlaces.

Group: FAQ, Subgroup: Core::Explorer.

Decimal places of the voting result.

1.10. FAQ::Explorer::ItemList::VotingResultColors.

Group: FAQ, Subgroup: Core::Explorer.

CSS color for the voting result.

1.11. FAQ::Explorer::Path::Separator.

Group: FAQ, Subgroup: Core::Explorer.

FAQ path separator.

1.12. FAQ::Explorer::QuickSearch::Show.

Group: FAQ, Subgroup: Core::Explorer.

Interfaces where the quicksearch should be shown.

1.13. FAQ::Explorer::LastChange::Show.

Group: FAQ, Subgroup: Core::Explorer.

Show last change items in defined interfaces.

1.14. FAQ::Explorer::LastChange::ShowSubCategoryItems.

Group: FAQ, Subgroup: Core::Explorer.

Show items of subcategories.

1.15. FAQ::Explorer::LastChange::Limit.

Group: FAQ, Subgroup: Core::Explorer.

Number of shown items in last changes.

1.16. FAQ::Explorer::LastCreate::Show.

Group: FAQ, Subgroup: Core::Explorer.

Show last created items in defined interfaces.

1.17. FAQ::Explorer::LastCreate::ShowSubCategoryItems.

Group: FAQ, Subgroup: Core::Explorer.

Show items of subcategories.

1.18. FAQ::Explorer::LastCreate::Limit.

Group: FAQ, Subgroup: Core::Explorer.

Number of shown items in last created.

1.19. FAQ::Explorer::Top10::Show.

Group: FAQ, Subgroup: Core::Explorer.

Show top 10 items in defined interfaces.

1.20. FAQ::Explorer::Top10::Limit.

Group: FAQ, Subgroup: Core::Explorer.

Number of shown items in the top 10 feature.

1.21. FAQ::Explorer::Top10::ShowSubCategoryItems.

Group: FAQ, Subgroup: Core::Explorer.

Show items of subcategories.

1.22. FAQ::FAQHook.

Group: FAQ, Subgroup: Core.

The identifier for a FAQ, e.g. FAQ#, KB#, MyFAQ#. The default is FAQ#.

1.23. FAQ::Default::State.

Group: FAQ, Subgroup: Core.

Default state for FAQ entry.

1.24. FAQ::ApprovalRequired.

Group: FAQ, Subgroup: Core::Approval.

New FAQ articles need approval before they get published.

1.25. FAQ::ApprovalGroup.

Group: FAQ, Subgroup: Core::Approval.

Group for the approval of FAQ articles.

1.26. FAQ::ApprovalQueue.

Group: FAQ, Subgroup: Core::Approval.

Queue for the approval of FAQ articles.

1.27. FAQ::ApprovalTicketSubject.

Group: FAQ, Subgroup: Core::Approval.

Ticket subject for approval of FAQ article.

1.28. FAQ::ApprovalTicketBody.

Group: FAQ, Subgroup: Core::Approval.

Ticket body for approval of FAQ article.

1.29. FAQ::ApprovalTicketPriority.

Group: FAQ, Subgroup: Core::Approval.

Default priority of tickets for the approval of FAQ articles.

1.30. FAQ::ApprovalTicketDefaultState.

Group: FAQ, Subgroup: Core::Approval.

Default state of tickets for the approval of FAQ articles.

1.31. FAQ::ApprovalTicketType.

Group: FAQ, Subgroup: Core::Approval.

Default type of tickets for the approval of FAQ articles.

1.32. FAQ::Item::Field1.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.33. FAQ::Item::Field2.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.34. FAQ::Item::Field3.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.35. FAQ::Item::Field4.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.36. FAQ::Item::Field5.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.37. FAQ::Item::Field6.

Group: FAQ, Subgroup: Core::Item.

Definition of FAQ item free text field.

1.38. LinkObject::PossibleLink###8301.

Group: Framework, Subgroup: Core::LinkObject.

This setting defines that a 'FAQ' object can be linked with other 'FAQ' objects using the 'Normal' link type.

1.39. LinkObject::PossibleLink###8302.

Group: Framework, Subgroup: Core::LinkObject.

This setting defines that a 'FAQ' object can be linked with other 'FAQ' objects using the 'ParentChild' link type.

1.40. LinkObject::PossibleLink###8303.

Group: Framework, Subgroup: Core::LinkObject.

This setting defines that a 'FAQ' object can be linked with other 'Ticket' objects using the 'Normal' link type.

1.41. LinkObject::PossibleLink###8304.

Group: Framework, Subgroup: Core::LinkObject.

This setting defines that a 'FAQ' object can be linked with other 'Ticket' objects using the 'ParentChild' link type.

1.42. Frontend::Module###AgentFAQExplorer.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.43. CustomerFrontend::Module###CustomerFAQExplorer.

Group: FAQ, Subgroup: Frontend::Customer::ModuleRegistration.

Frontend module registration for the customer interface.

1.44. FAQ::Frontend::CustomerFAQExplorer###SearchLimit.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewExplorer.

Maximum number of FAQ articles to be displayed in the FAQ Explorer result of the customer interface.

1.45. FAQ::Frontend::CustomerFAQExplorer###SearchPageShown.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewExplorer.

Number of FAQ articles to be displayed in the FAQ Explorer of the customer interface.

1.46. FAQ::Frontend::CustomerFAQExplorer###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewExplorer.

Defines the default FAQ attribute for FAQ sorting in the FAQ Explorer of the customer interface.

1.47. FAQ::Frontend::CustomerFAQExplorer###Order::Default.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewExplorer.

Defines the default FAQ order in the FAQ Explorer result of the customer interface. Up: oldest on top. Down: latest on top.

1.48. PublicFrontend::CommonParam###Action.

Group: FAQ, Subgroup: Frontend::Public.

Default value for the Action parameter for the public frontend. The Action parameter is used in the scripts of the system.

1.49. PublicFrontend::Module###PublicFAQExplorer.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.50. FAQ::Frontend::PublicFAQExplorer###SearchLimit.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewExplorer.

Maximum number of FAQ articles to be displayed in the FAQ Explorer result of the public interface.

1.51. FAQ::Frontend::PublicFAQExplorer###SearchPageShown.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewExplorer.

Number of FAQ articles to be displayed in the FAQ Explorer of the public interface.

1.52. FAQ::Frontend::PublicFAQExplorer###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewExplorer.

Defines the default FAQ attribute for FAQ sorting in the FAQ Explorer of the public interface.

1.53. FAQ::Frontend::PublicFAQExplorer###Order::Default.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewExplorer.

Defines the default FAQ order in the FAQ Explorer result of the public interface. Up: oldest on top. Down: latest on top.

1.54. PublicFrontend::Module###PublicFAQRSS.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.55. FAQ::Item::HTML.

Group: FAQ, Subgroup: Core::Item.

Show FAQ Article with HTML.

1.56. Frontend::HeaderMetaModule###3-FAQSearch.

Group: FAQ, Subgroup: Frontend::Agent::ModuleMetaHead.

Module to generate html OpenSearch profile for short faq search.

1.57. CustomerFrontend::HeaderMetaModule###3-FAQSearch.

Group: FAQ, Subgroup: Frontend::Customer::ModuleMetaHead.

Module to generate html OpenSearch profile for short faq search in the customer interface.

1.58. PublicFrontend::HeaderMetaModule###3-FAQSearch.

Group: FAQ, Subgroup: Frontend::Public::ModuleMetaHead.

Module to generate html OpenSearch profile for short faq search in the public interface.

1.59. Frontend::Output::FilterElementPost###FAQ.

Group: FAQ, Subgroup: Frontend::Agent.

Defines where the 'Insert FAQ' link will be displayed. Note: AgentTicketActionCommon includes AgentTicketNote, AgentTicketClose, AgentTicketFreeText, AgentTicketOwner, AgentTicketPending, AgentTicketPriority and AgentTicketResponsible.

1.60. Frontend::Output::OutputFilterTextAutoLink###FAQ.

Group: Framework, Subgroup: Core::Web.

A filter for HTML output to add links behind a defined string. The element Image allows two input kinds. First the name of an image (e.g. faq.png). In this case the OTRS image path will be used. The second possibility is to insert the link to the image.

1.61. Frontend::Module###AgentFAQAdd.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.62. Frontend::Module###AgentFAQEdit.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.63. Frontend::Module###AgentFAQLanguage.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.64. Frontend::Module###AgentFAQCategory.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.65. Frontend::Module###AgentFAQSearch.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.66. Frontend::Module###AgentFAQSearchSmall.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.67. Frontend::Search###FAQ.

Group: FAQ, Subgroup: Frontend::Agent::SearchRouter.

FAQ search backend router of the agent interface.

1.68. FAQ::Frontend::Overview###Small.

Group: FAQ, Subgroup: Frontend::Agent::FAQOverview.

Defines an overview module to show the small view of a FAQ list.

1.69. FAQ::Frontend::AgentFAQSearch###ShowColumns.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewSearch.

Defines the shown columns in the FAQ search. This option has no effect on the position of the column.

1.70. FAQ::Frontend::AgentFAQSearch###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewSearch.

Defines the default FAQ attribute for FAQ sorting in a FAQ search of the agent interface.

1.71. FAQ::Frontend::AgentFAQSearch###Order::Default.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewSearch.

Defines the default FAQ order of a search result in the agent interface. Up: oldest on top. Down: latest on top.

1.72. FAQ::Frontend::AgentFAQSearch###SearchLimit.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewSearch.

Maximum number of FAQ articles to be displayed in the result of a search in the agent interface.

1.73. FAQ::Frontend::AgentFAQExplorer###ShowColumns.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewExplorer.

Defines the shown columns in the FAQ Explorer. This option has no effect on the position of the column.

1.74. FAQ::Frontend::AgentFAQExplorer###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewExplorer.

Defines the default FAQ attribute for FAQ sorting in the FAQ Explorer of the agent interface.

1.75. FAQ::Frontend::AgentFAQExplorer###Order::Default.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewExplorer.

Defines the default FAQ order in the FAQ Explorer result of the agent interface. Up: oldest on top. Down: latest on top.

1.76. FAQ::Frontend::AgentFAQExplorer###SearchLimit.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewExplorer.

Maximum number of FAQ articles to be displayed in the FAQ Explorer result of the agent interface.

1.77. PreferencesGroups###FAQOverviewSmallPageShown.

Group: FAQ, Subgroup: Frontend::Agent::Preferences.

Parameters for the pages (in which the FAQ items are shown) of the small FAQ overview.

1.78. Frontend::Module###AgentFAQZoom.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.79. Frontend::Module###AgentFAQRichText.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.80. FAQ::Frontend::MenuModule###000-Back.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu to go back in the FAQ zoom view of the agent interface.

1.81. FAQ::Frontend::MenuModule###010-Edit.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu to edit a FAQ in the its zoom view of the agent interface.

1.82. FAQ::Frontend::MenuModule###020-History.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu to access the history of a FAQ in its zoom view of the agent interface.

1.83. FAQ::Frontend::MenuModule###030-Print.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu to print a FAQ in the its zoom view of the agent interface.

1.84. FAQ::Frontend::MenuModule###040-Link.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu that allows linking a FAQ with another object in the zoom view of such FAQ of the agent interface.

1.85. FAQ::Frontend::MenuModule###050-Delete.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::MenuModule.

Shows a link in the menu that allows to delete a FAQ in its zoom view in the agent interface.

1.86. CustomerFrontend::Module###CustomerFAQZoom.

Group: FAQ, Subgroup: Frontend::Customer::ModuleRegistration.

Frontend module registration for the customer interface.

1.87. CustomerFrontend::Module###CustomerFAQSearch.

Group: FAQ, Subgroup: Frontend::Customer::ModuleRegistration.

Frontend module registration for the customer interface.

1.88. FAQ::Frontend::CustomerFAQSearch###SearchLimit.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewSearch.

Maximum number of FAQ articles to be displayed in the result of a search in the customer interface.

1.89. FAQ::Frontend::CustomerFAQSearch###SearchPageShown.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewSearch.

Number of FAQ articles to be displayed on each page of a search result in the customer interface.

1.90. FAQ::Frontend::CustomerFAQSearch###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewSearch.

Defines the default FAQ attribute for FAQ sorting in a FAQ search of the customer interface.

1.91. FAQ::Frontend::CustomerFAQSearch###Order::Default.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewSearch.

Defines the default FAQ order of a search result in the customer interface. Up: oldest on top.
Down: latest on top.

1.92. Frontend::Module###AgentFAQPrint.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.93. CustomerFrontend::Module###CustomerFAQPrint.

Group: FAQ, Subgroup: Frontend::Customer::ModuleRegistration.

Frontend module registration for the customer interface.

1.94. PublicFrontend::Module###PublicFAQSearch.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.95. FAQ::Frontend::PublicFAQSearch###SearchLimit.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewSearch.

Maximum number of FAQ articles to be displayed in the result of a search in the public interface.

1.96. FAQ::Frontend::PublicFAQSearch###SearchPageShown.

Group: FAQ, Subgroup: Frontend::Public::ViewFAQSearch.

Number of FAQ articles to be displayed on each page of a search result in the public interface.

1.97. FAQ::Frontend::PublicFAQSearch###SortBy::Default.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewSearch.

Defines the default FAQ attribute for FAQ sorting in a FAQ search of the public interface.

1.98. FAQ::Frontend::PublicFAQSearch###Order::Default.

Group: FAQ, Subgroup: Frontend::Public::FAQ::ViewSearch.

Defines the default FAQ order of a search result in the public interface. Up: oldest on top.
Down: latest on top.

1.99. PublicFrontend::Module###PublicFAQZoom.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.100. PublicFrontend::Module###PublicFAQ.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.101. PublicFrontend::Module###PublicFAQPrint.

Group: FAQ, Subgroup: Frontend::Public::ModuleRegistration.

Frontend module registration for the public interface.

1.102. Frontend::Module###AgentFAQJournal.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.103. FAQ::Frontend::AgentFAQJournal###ShowColumns.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewJournal.

Defines the shown columns in the FAQ journal. This option has no effect on the position of the column.

1.104. FAQ::Frontend::AgentFAQJournal###JournalLimit.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewJournal.

Maximum number of FAQ articles to be displayed in the FAQ journal in the agent interface.

1.105. PreferencesGroups###FAQJournalOverviewSmallPageShown.

Group: FAQ, Subgroup: Frontend::Agent::Preferences.

Parameters for the pages (in which the FAQ items are shown) of the small FAQ journal overview.

1.106. FAQ::Frontend::JournalOverview###Small.

Group: FAQ, Subgroup: Frontend::Agent::FAQJournalOverview.

Defines an overview module to show the small view of a FAQ journal.

1.107. Frontend::Module###AgentFAQHistory.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.108. Frontend::Module###AgentFAQDelete.

Group: FAQ, Subgroup: Frontend::Agent::ModuleRegistration.

Frontend module registration for the agent interface.

1.109. FAQ::TicketCompose###InsertMethod.

Group: FAQ, Subgroup: Core::TicketCompose.

Defines the information to be inserted in a FAQ based Ticket. "Full FAQ" includes text, attachments and inline images.

1.110. FAQ::TicketCompose###IncludeInternal.

Group: FAQ, Subgroup: Core::TicketCompose.

Include internal fields on a FAQ based Ticket.

1.111. FAQ::TicketCompose###ShowFieldNames.

Group: FAQ, Subgroup: Core::TicketCompose.

Include the name of each field in a FAQ based Ticket.

1.112. FAQ::TicketCompose###ShowInsertTextButton.

Group: FAQ, Subgroup: Core::TicketCompose.

Show "Insert FAQ Text" / "Insert Full FAQ" Button in AgentFAQZoomSmall.

1.113. FAQ::TicketCompose###ShowInsertLinkButton.

Group: FAQ, Subgroup: Core::TicketCompose.

Show "Insert FAQ Link" Button in AgentFAQZoomSmall for public FAQ Articles.

1.114. FAQ::TicketCompose###ShowInsertTextAndLinkButton.

Group: FAQ, Subgroup: Core::TicketCompose.

Show "Insert FAQ Text & Link" / "Insert Full FAQ & Link" Button in AgentFAQZoomSmall for public FAQ Articles.

1.115. FAQ::MultiLanguage.

Group: FAQ, Subgroup: Core.

Enable multiple languages on FAQ module.

1.116. FAQ::Default::Language.

Group: FAQ, Subgroup: Core.

Default language for FAQ articles on single language mode.

1.117. Loader::Agent::CommonCSS###200-FAQ.

Group: Framework, Subgroup: Core::Web.

List of CSS files to always be loaded for the agent interface.

1.118. Loader::Agent::CommonJS###200-FAQ.

Group: Framework, Subgroup: Core::Web.

List of JS files to always be loaded for the agent interface.

1.119. FAQ::Voting.

Group: FAQ, Subgroup: Core.

Enable voting mechanism on FAQ module.

1.120. FAQ::CacheTTL.

Group: FAQ, Subgroup: Core.

Cache Time To Leave for FAQ items.

1.121. DashboardBackend###0398-FAQ-LastChange.

Group: FAQ, Subgroup: Frontend::Agent::Dashboard.

Defines the parameters for the dashboard backend. "Limit" defines the number of entries displayed by default. "Group" is used to restrict access to the plugin (e. g. Group: admin;group1;group2;). "Default" indicates if the plugin is enabled by default or if the user needs to enable it manually. "CacheTTL" indicates the cache expiration period in minutes for the plugin.

1.122. DashboardBackend###0399-FAQ-LastCreate.

Group: FAQ, Subgroup: Frontend::Agent::Dashboard.

Defines the parameters for the dashboard backend. "Limit" defines the number of entries displayed by default. "Group" is used to restrict access to the plugin (e. g. Group: admin;group1;group2;). "Default" indicates if the plugin is enabled by default or if the user needs to enable it manually. "CacheTTL" indicates the cache expiration period in minutes for the plugin.

1.123. GenericInterface::Operation::Module###FAQ::LanguageList.

Group: GenericInterface, Subgroup: GenericInterface::Operation::ModuleRegistration.

GenericInterface module registration for the operation layer.

1.124. GenericInterface::Operation::Module###FAQ::PublicCategoryList.

Group: GenericInterface, Subgroup: GenericInterface::Operation::ModuleRegistration.

GenericInterface module registration for the operation layer.

1.125. GenericInterface::Operation::Module###FAQ::PublicFAQGet.

Group: GenericInterface, Subgroup: GenericInterface::Operation::ModuleRegistration.

GenericInterface module registration for the operation layer.

1.126. GenericInterface::Operation::Module###FAQ::PublicFAQSearch.

Group: GenericInterface, Subgroup: GenericInterface::Operation::ModuleRegistration.

GenericInterface module registration for the operation layer.

1.127. FAQ::Frontend::AgentHTMLFieldHeightDefault.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewZoom.

Set the default height (in pixels) of inline HTML fields in AgentFAQZoom.

1.128. FAQ::Frontend::AgentHTMLFieldHeightMax.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewZoom.

Set the maximum height (in pixels) of inline HTML fields in AgentFAQZoom.

1.129. FAQ::Frontend::CustomerHTMLFieldHeightDefault.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewZoom.

Set the default height (in pixels) of inline HTML fields in CustomerFAQZoom (and PublicFAQZoom).

1.130. FAQ::Frontend::CustomerHTMLFieldHeightMax.

Group: FAQ, Subgroup: Frontend::Customer::FAQ::ViewZoom.

Set the maximum height (in pixels) of inline HTML fields in CustomerFAQZoom (and PublicFAQZoom).

1.131. FAQ::Frontend::AgentFAQAdd###RichTextWidth.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewAdd.

Defines the width for the rich text editor component for this screen. Enter number (pixels) or percent value (relative).

1.132. FAQ::Frontend::AgentFAQAdd###RichTextHeight.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewAdd.

Defines the height for the rich text editor component for this screen. Enter number (pixels) or percent value (relative).

1.133. FAQ::Frontend::AgentFAQEdit###RichTextWidth.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewEdit.

Defines the width for the rich text editor component for this screen. Enter number (pixels) or percent value (relative).

1.134. FAQ::Frontend::AgentFAQEdit###RichTextHeight.

Group: FAQ, Subgroup: Frontend::Agent::FAQ::ViewEdit.

Defines the height for the rich text editor component for this screen. Enter number (pixels) or percent value (relative).

1.135. Frontend::ToolBarModule###90-FAQ::AgentFAQAdd.

Group: FAQ, Subgroup: Frontend::Agent::ToolBarModule.

Toolbar Item for a shortcut.

2. Approval function

The OTRS FAQ has an approval feature. If you activate the approval feature all newly created FAQs also create a new ticket in a predefined queue. The persons who need to approve the FAQ entries can then act on these tickets and approve the FAQ articles if they see fit. As long as the article has not been approved the article will not be visible in the public interface.

You can activate the Approval function by setting the option FAQ::ApprovalRequired to Yes.

The approval message can be defined under FAQ::ApprovalTicketBody. You can modify the text if you need, and you can also use variables that will be substituted with their actual values when the approval note is generated. The list of the available variables is listed below.

Table 4.1. Variables for FAQ Approval message

Name	Description
<OTRS_FAQ_CATEGORY>	Category name of the FAQ article
<OTRS_FAQ_CATEGORYID>	Category ID of the FAQ article

Name	Description
<OTRS_FAQ_LANGUAGE>	Language of the FAQ article
<OTRS_FAQ_ITEMID>	Item ID of the FAQ article
<OTRS_FAQ_NUMBER>	FAQ Number of the FAQ article
<OTRS_FAQ_TITLE>	Title
<OTRS_FAQ_AUTHOR>	Author name
<OTRS_FAQ_STATE>	State (visibility) of the FAQ article



Chapter 5. Usage

This package adds tree new groups to the system:

- `faq`.

Users in this group are able to:

- Use FAQ Explorer.
- Add, Edit, Delete, Zoom, Print and Link FAQ Articles.
- Use FAQ Journal.
- Use FAQ Search.

- `faq_admin`.

Users in this group are able to:

- Add, Edit and Delete FAQ Categories.
- Add, Edit and Delete FAQ Languages.

- `faq_approval`.

Users in this group are able to:

- Approve FAQ Articles.

Note

The group to approve FAQ Articles can be changed using SysConfig.

Users in "`faq_admin`" and "`faq_approval`" groups (or custom approval group) need also to be in the "`faq`" group to perform the actions. Any change in the users groups will take effect on FAQ after the user logout and login again.

Users that are members of the "`faq`" group will have a new menu called "FAQ" in the navigation bar that is in the top of the screen (after re-login), similar to the "Ticket" menu.

1. Create A New FAQ Article

This example shows how to create a new FAQ article.

Note

Be sure that the logged user is a member of "`faq`" group.

1. From the Navigation Bar, click on "FAQ" and then on "New" (from the opened FAQ menu option).
2. Fill the required information.

There are tree possible FAQ states: "`internal`": only agents can see the FAQ article, "`external`": agents and registered customer can see the FAQ article and "`public`": this FAQ articles are accessible from the OTRS public interface.

By default the system has the Category "Misc" and the Languages "en" for English and "de" for German. (more Categories and Languages can be added to the system).

On a clean system there are four multiple line fields (with other two more than can be added if needed), their names and visibility can be changed in the SysConfig.

3. Click on the "Create" button.

This will create a new FAQ article that can be accessed from the FAQ Explorer

Note

By default the FAQ article does not need an approval procedure, if this functionality is enabled and the user is also a member of the FAQ Approval group, a selection to set the approval state is also shown in this screen.

2. Create a New Category

This example shows how to create a new FAQ category.

Note

Be sure that the logged user is a member of "faq" and "faq_admin" groups.

1. From FAQ menu click on "Category Management".

A list of available categories is shown (from there is also possible to edit or delete them)

2. Click on "Add Category" from the Actions side bar.
3. Fill the required information.

Notice that a category can be a sub item from a wider category, this is helpful to organize FAQ articles in a hierarchical way (this hierarchies can be drilled down from the FAQ Explorer).

4. Click on "Submit" button, and the new category will be ready to use.

3. Create a New Language

This example shows how to create a new FAQ language.

Note

Be sure that the logged user is a member of "faq" and "faq_admin" groups.

1. From FAQ menu click on "Language Management".

A list of available languages is shown (from there is also possible to edit or delete them)

2. Click on "Add Language" from the Actions side bar.
3. Fill the required information.
4. Click on "Submit" button, and the new language will be ready to use.

Chapter 6. File List

This list shows all included files and the referring permissions.

- (755) bin/otrs.FAQImport.pl
- (755) bin/cgi-bin/faq.pl
- (755) bin/fcgi-bin/faq.fpl
- (644) doc/faq-database.png
- (644) Kernel/Config/Files/FAQ.xml
- (644) Kernel/cpan-lib/XML/RSS/SimpleGen.pm
- (644) Kernel/Language/da_FAQ.pm
- (644) Kernel/Language/de_FAQ.pm
- (644) Kernel/Language/es_FAQ.pm
- (644) Kernel/Language/es_MX_FAQ.pm
- (644) Kernel/Language/fa_FAQ.pm
- (644) Kernel/Language/fi_FAQ.pm
- (644) Kernel/Language/fr_FAQ.pm
- (644) Kernel/Language/hu_FAQ.pm
- (644) Kernel/Language/ja_FAQ.pm
- (644) Kernel/Language/ms_FAQ.pm
- (644) Kernel/Language/nb_NO_FAQ.pm
- (644) Kernel/Language/nl_FAQ.pm
- (644) Kernel/Language/pl_FAQ.pm
- (644) Kernel/Language/pt_BR_FAQ.pm
- (644) Kernel/Language/pt_PT_FAQ.pm
- (644) Kernel/Language/ru_FAQ.pm
- (644) Kernel/Language/uk_FAQ.pm
- (644) Kernel/Language/zh_CN_FAQ.pm
- (644) Kernel/Output/HTML/Standard/AAAFAQ.dtl
- (644) Kernel/Modules/AgentFAQAdd.pm
- (644) Kernel/Modules/AgentFAQCategory.pm
- (644) Kernel/Modules/AgentFAQDelete.pm

- (644) Kernel/Modules/AgentFAQEdit.pm
- (644) Kernel/Modules/AgentFAQExplorer.pm
- (644) Kernel/Modules/AgentFAQHistory.pm
- (644) Kernel/Modules/AgentFAQJournal.pm
- (644) Kernel/Modules/AgentFAQLanguage.pm
- (644) Kernel/Modules/AgentFAQPrint.pm
- (644) Kernel/Modules/AgentFAQRichText.pm
- (644) Kernel/Modules/AgentFAQSearch.pm
- (644) Kernel/Modules/AgentFAQSearchSmall.pm
- (644) Kernel/Modules/AgentFAQZoom.pm
- (644) Kernel/Modules/CustomerFAQExplorer.pm
- (644) Kernel/Modules/CustomerFAQPrint.pm
- (644) Kernel/Modules/CustomerFAQSearch.pm
- (644) Kernel/Modules/CustomerFAQZoom.pm
- (644) Kernel/Modules/PublicFAQ.pm
- (644) Kernel/Modules/PublicFAQExplorer.pm
- (644) Kernel/Modules/PublicFAQPrint.pm
- (644) Kernel/Modules/PublicFAQRSS.pm
- (644) Kernel/Modules/PublicFAQSearch.pm
- (644) Kernel/Modules/PublicFAQZoom.pm
- (644) Kernel/Output/HTML/CustomerHeaderMetaFAQSearch.pm
- (644) Kernel/Output/HTML/DashboardFAQ.pm
- (644) Kernel/Output/HTML/FAQJournalOverviewSmall.pm
- (644) Kernel/Output/HTML/FAQMenuGeneric.pm
- (644) Kernel/Output/HTML/FAQOverviewSmall.pm
- (644) Kernel/Output/HTML/HeaderMetaFAQSearch.pm
- (644) Kernel/Output/HTML/LayoutFAQ.pm
- (644) Kernel/Output/HTML/LinkObjectFAQ.pm
- (644) Kernel/Output/HTML/OutputFilterFAQ.pm
- (644) Kernel/Output/HTML/PublicHeaderMetaFAQSearch.pm

- (644) Kernel/Output/HTML/Standard/AgentFAQAdd.dtl
- (644) Kernel/Output/HTML/Standard/AgentDashboardFAQOverview.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQCategory.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQDelete.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQEdit.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQExplorer.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQHistory.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQJournalOverviewSmall.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQLanguage.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQLanguage.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQOverviewNavBar.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQOverviewSmall.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQPrint.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQSearch.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQSearchOpenSearchDescriptionFAQNumber.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQSearchOpenSearchDescriptionFulltext.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQSearchResultPrint.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQSearchSmall.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQZoom.dtl
- (644) Kernel/Output/HTML/Standard/AgentFAQZoomSmall.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQExplorer.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQPrint.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQSearch.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQSearchOpenSearchDescriptionFAQNumber.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQSearchOpenSearchDescriptionFullText.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQSearchResultPrint.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQSearchResultShort.dtl
- (644) Kernel/Output/HTML/Standard/CustomerFAQZoom.dtl

- (644) Kernel/Output/HTML/Standard/PublicFAQExplorer.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQPrint.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQSearch.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQSearchOpenSearchDescriptionFAQNumber.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQSearchOpenSearchDescriptionFullText.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQSearchResultPrint.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQSearchResultShort.dtl
- (644) Kernel/Output/HTML/Standard/PublicFAQZoom.dtl
- (644) Kernel/System/FAQ/Category.pm
- (644) Kernel/System/FAQ/Language.pm
- (644) Kernel/System/FAQ/State.pm
- (644) Kernel/System/FAQ/Vote.pm
- (644) Kernel/System/FAQ.pm
- (644) Kernel/System/FAQSearch.pm
- (644) Kernel/System/LinkObject/FAQ.pm
- (644) Kernel/System/Stats/Static/FAQAccess.pm
- (644) scripts/test/FAQ.t
- (644) scripts/test/FAQSearch.t
- (644) scripts/test/sample/FAQ-Test1.doc
- (644) scripts/test/sample/FAQ-Test1.pdf
- (644) var/httpd/htdocs/js/FAQ.Agent.ConfirmationDialog.js
- (644) var/httpd/htdocs/js/FAQ.Agent.FAQZoom.js
- (644) var/httpd/htdocs/js/FAQ.Agent.TicketCompose.js
- (644) var/httpd/htdocs/js/FAQ.Customer.FAQZoom.js
- (644) var/httpd/htdocs/skins/Agent/default/css/FAQ.Agent.Default.css
- (644) var/httpd/htdocs/skins/Agent/default/css/FAQ.Agent.Detail.css
- (644) var/httpd/htdocs/skins/Agent/default/css/FAQ.Widget.css
- (644) var/httpd/htdocs/skins/Customer/default/css/FAQ.Customer.Default.css
- (644) var/httpd/htdocs/skins/Customer/default/css/FAQ.Customer.Detail.css

- (644) var/httpd/htdocs/skins/Customer/default/css/FAQ.Widget.css
- (644) var/httpd/htdocs/skins/Customer/default/css/FAQ.FAQZoom.css
- (644) var/packagesetup/FAQ.pm
- (644) var/stats/FAQ-FAQAccess.xml
- (644) Kernel/GenericInterface/Operation/FAQ/PublicCategoryList.pm
- (644) Kernel/GenericInterface/Operation/FAQ/LanguageList.pm
- (644) Kernel/GenericInterface/Operation/FAQ/PublicFAQSearch.pm
- (644) Kernel/GenericInterface/Operation/FAQ/PublicFAQGet.pm
- (644) scripts/webservices/GenericFAQConnector.yaml
- (644) scripts/test/GenericInterface/FAQConnector.t
- (644) scripts/test/sample/GenericInterface/FAQ/GI-FAQ-Test-utf8-1.bin
- (644) scripts/test/sample/GenericInterface/FAQ/GI-FAQ-Test-utf8-1.txt

Chapter 7. Tests

This module has been tested on the current state of the art in quality.

1. Test Cases

To test this package please follow the examples described in the Usage section, all the tests cases should return the expected results defined at the beginning of each example.

2. Unit Tests

To ensure the quality of the module, several so-called unit tests were created, to test the functionalities of this module. These unit tests can be run via command line.

ATTENTION: Please never run unit tests on a productive system, since the added test data to the system will no longer be removed. Always use a test system.

Run the package specific unit tests

To run only the unit test which will be delivered with this package, use the following command on the command line:

```
shell> perl bin/otrs.UnitTest.pl -n FAQ:FAQSearch:GenericInterface/FAQConnector
```

Run all available unit tests

To run all available unit tests, use the following command on the command line:

```
shell> perl bin/otrs.UnitTest.pl
```

Chapter 8. ChangeLog

2.3.2 / 2014-03-27 01:23:35

- Build for FAQ 2.3.2.

2.3.1 / 2013-11-08 01:59:43

- Build for FAQ 2.3.1.

2.2.94 / 2013-11-01 23:38:14

- Build for FAQ 2.3.0 rc1.

2.2.93 / 2013-10-17 20:18:23

- Build for FAQ 2.3.0 beta3.

2.2.92 / 2013-10-02 23:02:47

- Build for FAQ 2.3.0 beta2.

2.2.91 / 2013-09-20 00:27:36

- First version for OTRS 3.3.x.

Chapter 9. Contacts

People who are involved in this implementation.

1. OTRS AG

Technical: Manuel Hecht [<dev-support@otrs.com>](mailto:dev-support@otrs.com) , Phone +49 (0)6172 681988 0



Appendix A. Generic Interface FAQ Connector Configuration

1. Web Service configuration

In order to use the web service and the operations included on this package, you should first of all install the web service on your system, using the Command line or taking advantage of the Graphical User Interface (Admin Interface). Please note that the old configuration for rpc.pl is not relevant for the Generic Interface and therefore not needed.

The following is an example of how to use Command line to install the web service in the system using the provided YAML file (.yaml) included on this package.

```
shell> $OTRS_HOME/bin/otrs.WebserviceConfig.pl -a write -n GenericInterfaceFAQConnector -f
$OTRS_HOME/scripts/webservices/GenericInterfaceFAQConnector.yaml
```

Also you can install the web service importing the mentioned YAML file via web interface in the next URL using the 'Import web service' button on the left side bar.

<http://localhost/otrs/index.pl?Action=AdminGenericInterfaceWebservice;Subaction=Add>

The content of the YAML file is shown below.

```
---
Debugger:
  DebugThreshold: debug
  TestMode: 0
Description: ''
Provider:
  Operation:
    LanguageList:
      Description: List all availables languages
      Type: FAQ::LanguageList
    PublicCategoryList:
      Description: List all public FAQ categories (with tree information)
      Type: FAQ::PublicCategoryList
    PublicFAQSearch:
      Description: Search for public FAQs
      Type: FAQ::PublicFAQSearch
    PublicFAQGet:
      Description: Retrieve public FAQ entries
      Type: FAQ::PublicFAQGet
  Transport:
    Config:
      Encoding: UTF-8
      Endpoint: ''
      MaxLength: 10000000
      Namespace: http://www.otrs.org/FAQConnector/
      SOAPAction: ''
      Type: HTTP::SOAP
  RemoteSystem: ''
```

In order to use the web service you need to use an new interface in OTRS. As for agents you use index.pl and for customers you use customer.pl, for web services you use "nph-genericinterface.pl".

The default and suggested name for this web service is GenericFAQConnector. Since the name of the web service can be changed is very important that you write down the current name of your web service and update it in all locations that access to it.

When a web service is installed on the system it always has an associated ID number. You can call the web service by name or by ID number. To get the list of "valid" web services and they corresponding ID number you can use the following command:

```
shell> $OTRS_HOME/bin/otrs.WebserviceConfig.pl -a list
```

For this specific web service, using the default configuration you can call it as follows:

<http://localhost/otrs/nph-genericinterface.pl/Webservice/GenericFAQConnector> (by name, recommended) or <http://localhost/otrs/nph-genericinterface.pl/WebserviceID/1> (by ID).

Note

Both web service name and ID from the example above could be different in your current environment.

Appendix B. Generic Interface FAQ Connector API

For the following examples uses SOAP XML data structures since HTTP::SOAP is the default transport for Generic Interface Operations and can be used with otrs.SOAPRequest.pl.

otrs.SOAPRequest.pl is a simple Perl script to test the OTRS Generic Interface, the code can be found in the OTRS administration manual.

1. LanguageList

For this operation is not necessary to send any special parameter to the server, you just need to request the web service directly indicating the "LanguageList" operation. The operation will return a list of languages including ID and the Name for each language on the system.

Request format:

```
<LanguageList/>
```

Response format:

```
<LanguageListResponse>
  <!--1 or more repetitions:-->
  <Language>
    <ID>?</ID>
    <Name>?</Name>
  </Language>
</LanguageListResponse>
```

Response example:

```
<LanguageListResponse>
  <Language>
    <ID>1</ID>
    <Name>en</Name>
  </Language>
  <Language>
    <ID>2</ID>
    <Name>de</Name>
  </Language>
  <Language>
    <ID>3</ID>
    <Name>es</Name>
  </Language>
</LanguageListResponse>
```

2. PubliCategoryList

For this operation is also not necessary any special parameter, just the simple call for requesting the web service with the operation name 'PublicCategoryList' as a response you will receive a list of categories including the ID and the Name (long format) for each category.

Request format:


```
<PublicCategoryList/>
```

Response format:

```
<PublicCategoryListResponse>
  <!-- 1 or more repetitions: -->
  <Category>
    <ID>?</ID>
    <Name>?</Name>
  </Category>
</PublicCategoryListResponse>
```

Response example:

```
<PublicCategoryListResponse>
  <Category>
    <ID>2</ID>
    <Name>Public</Name>
  </Category>
  <Category>
    <ID>5</ID>
    <Name>Public::SubCategory A</Name>
  </Category>
  <Category>
    <ID>8</ID>
    <Name>Public::SubCategory B</Name>
  </Category>
</PublicCategoryListResponse>
```

3. PublicFAQGet

To be able to get one or more FAQ entries, you should send the ItemID(s) as a parameter for the FAQ entry you want to get. You will receive the entire FAQ record with all attachments included if any. Note that attachments will be transferred as base64-encoded strings.

Request format:

```
<PublicFAQGet>
  <ItemID>?</ItemID>
</PublicFAQGet>
```

Request example:

```
<PublicFAQGet>
  <ItemID>6,7</ItemID>
</PublicFAQGet>
```

Response format:

```
<PublicFAQGetResponse>
  <!--Zero or more repetitions:-->
  <FAQItem>
    <Approved>?</Approved>
    <CategoryID>?</CategoryID>
    <CategoryName>?</CategoryName>
    <CategoryShortName>?</CategoryShortName>
    <Changed>?</Changed>
    <ChangedBy>?</ChangedBy>
    <Created>?</Created>
    <CreatedBy>?</CreatedBy>
    <FAQID>?</FAQID>
    <Field1>?</Field1>
    <Field2>?</Field2>
    <Field3>?</Field3>
    <Field4>?</Field4>
    <Field5>?</Field5>
    <Field6>?</Field6>
    <ID>?</ID>
    <ItemID>?</ItemID>
    <Keywords>?</Keywords>
    <Language>?</Language>
    <LanguageID>?</LanguageID>
    <Name>?</Name>
    <Number>?</Number>
    <State>?</State>
    <StateID>?</StateID>
    <StateTypeID>?</StateTypeID>
    <Title>?</Title>
    <VoteResult>?</VoteResult>
    <Votes>?</Votes>
    <StateTypeName>?</StateTypeName>
    <!--Zero or more repetitions:-->
    <Attachment>
      <Filename>?</Filename>
      <Filesize>?</Filesize>
      <ContentType>?</ContentType>
      <Content>cid:1269416154096</Content>
    </Attachment>
  </FAQItem>
</PublicFAQGetResponse>
```

Response example:

```
<PublicFAQGetResponse>
  <FAQItem>
    <ID>6</ID>
    <ItemID>6</ItemID>
    <FAQID>6</FAQID>
    <Number>10006</Number>
    <CategoryID>2</CategoryID>
    <CategoryName>Public</CategoryName>
    <CategoryShortName>Public</CategoryShortName>
    <LanguageID>1</LanguageID>
    <Language>en</Language>
    <Title>Public2</Title>
    <Field1>The Symptoms</Field1>
    <Field2>The Problem</Field2>
    <Field3>The Solution</Field3>
```

```

    <Field4/>
    <Field5/>
    <Field6>The Comments</Field6>
    <Approved>1</Approved>
    <Keywords>Keyword1 Keyword2 Keyword3</Keywords>
    <Votes>1</Votes>
    <VoteResult>75.00</VoteResult>
    <StateID>3</StateID>
    <State>public (all)</State>
    <StateTypeID>3</StateTypeID>
    <StateTypeName>public</StateTypeName>
    <Created>2010-11-02 08:06:43</Created>
    <CreatedBy>1</CreatedBy>
    <Changed>2010-11-02 08:06:43</Changed>
    <ChangedBy>1</ChangedBy>
    <Name>1288706803-91.878184450707</Name>
    <Attachment>
      <Content>...==</Content>
      <ContentType>text/plain</ContentType>
      <Filename>Details.txt</Filename>
      <Filesize>296</Filesize>
    </Attachment>
    <Attachment>
      <Content>...==</Content>
      <ContentType>text/plain</ContentType>
      <Filename>Text.bin</Filename>
      <Filesize>980</Filesize>
    </Attachment>
  </FAQItem>
  <FAQItem>
    <ID>7</ID>
    <ItemID>7</ItemID>
    <FAQID>7</FAQID>
    <Number>10006</Number>
    <CategoryID>2</CategoryID>
    <CategoryName>Public</CategoryName>
    <CategoryShortName>Public</CategoryShortName>
    <LanguageID>1</LanguageID>
    <Language>en</Language>
    <Title>Public777</Title>
    <Field1>The Symptoms</Field1>
    <Field2>The Problem</Field2>
    <Field3>The Solution</Field3>
    <Field4/>
    <Field5/>
    <Field6>The Comments</Field6>
    <Approved>1</Approved>
    <Keywords>Keyword1 Keyword2 Keyword3</Keywords>
    <Votes>1</Votes>
    <VoteResult>75.00</VoteResult>
    <StateID>3</StateID>
    <State>public (all)</State>
    <StateTypeID>3</StateTypeID>
    <StateTypeName>public</StateTypeName>
    <Created>2010-16-03 02:06:43</Created>
    <CreatedBy>1</CreatedBy>
    <Changed>2010-11-02 02:06:43</Changed>
    <ChangedBy>1</ChangedBy>
    <Name>1288706803-91.878184450707</Name>
  </FAQItem>
</PublicFAQGetResponse>

```

4. PublicFAQSearch

For this operation you can specify the following optional parameters: Name, Title, What (full text search), Keyword, LanguageIDs and CategoryIDs to narrow the search results. You may also specify the order of the results by the following parameters: OrderBy and OrderByDirection.

Send a request to the web service with the operation name 'PublicFAQSearch' as a response you will receive a list of FAQ item IDs.

Note

The full FAQ item data can be retrieved for each ID by using 'PublicFAQGet' operation separately.

Request format:

```
<PublicFAQSearch>
  <!--Optional:-->
  <Number>?</Number>
  <!--Optional:-->
  <Title>?</Title>
  <!--Optional:-->
  <What>?</What>
  <!--Optional:-->
  <Keyword>?</Keyword>
  <!--Zero or more repetitions:-->
  <LanguageIDs>?</LanguageIDs>
  <!--Zero or more repetitions:-->
  <CategoryIDs>?</CategoryIDs>
  <!--Zero or more repetitions:-->
  <SortBy>?</SortBy>
  <!--Optional:-->
  <OrderBy>?</OrderBy>
  <!--Optional:-->
  <OrderByDirection>?</OrderByDirection>
</PublicFAQSearch>
```

Request example:

```
<PublicFAQSearch>
  <Number>*134*</Number>
  <Title>*some title*</Title>
  <What>*some text*</What>
  <Keyword>*webserver*</Keyword/>
  <LanguageIDs>1</LanguageIDs>
  <CategoryIDs>2</CategoryIDs>
  <OrderBy>FAQID</OrderBy>
  <OrderByDirection>Up</OrderByDirection>
</PublicFAQSearch>
```

Response format:

```
<PublicFAQSearchResponse>  
  <!--Zero or more repetitions:-->  
  <ID>?</ID>  
</PublicFAQSearchResponse>
```

Response example:

```
<PublicFAQSearchResponse>  
  <ID>20</ID>  
  <ID>19</ID>  
  <ID>18</ID>  
  <ID>17</ID>  
  <ID>16</ID>  
  <ID>15</ID>  
  <ID>14</ID>  
  <ID>13</ID>  
  <ID>11</ID>  
  <ID>6</ID>  
  <ID>5</ID>  
</PublicFAQSearchResponse>
```