

```
USE `medis_interface`;
REPLACE INTO `references` (`recordTypeID`, `name`, `dead`, `chapter`,
`med_refferal`, `need_redirection`, `edit_GUID`, `order`, `order2`,
`interf_ref`, `d_table`, `num_list`, `signs`, `show_treatment`,
`show_content`, `show_time`, `print_size_percentage`, `print_checker`,
`status_buttons`, `buttonSetID`, `buttonSetID_inp`, `extend_record_class`,
`record_method_in`, `record_method_out`, `TH_output_style`,
`TD_output_style`, `Tbl_output_style`, `Tbl_input_style`, `TH_input_style`,
`TD_input_style`, `button_line_style`, `status_line_style`,
`button_line_style_inp`, `text_style`, `files_style`, `files_alias`,
`files_script`, `show_in_summary`, `show_in_hystory`, `show_in_refferals`,
`identifier`, `print_form`, `print_form_cap`, `common_view`,
`use_autotemplate`, `multifier`, `specialist_visit`,
`form14_operation_identififier`, `show_creation_date_in_caption`,
`copy_content_from_previous_record_of_same_type`, `show_date`,
`print_full_text_position`, `allow_record_date_change`, `PHR_notification`,
`PHR_hide_record`, `summary_referecnce_order`, `print_template_php`,
`print_record_date_from_field_date`, `dont_show_name_in_print_all_records`,
`dont_show_name_in_print_record`, `dont_print_treatment`,
`show_contract_type_in_head`, `first_hystory_record`, `auto_lock`,
`advanced_protocols`, `info`, `ClinicalDocument/code`,
`force_patient_name_printing`, `minzdrav_code`, `show_count_in_report`,
`show_time_in_info`, `Место оказания помощи`, `Порядок случаев госпитализации или
обращения`, `export_recordTypeGroup`, `show_in_analise_dynamic`,
`dont_print_recomendations`, `ref_replace_dep_director_position`,
`IdCaseType`, `IdVisitPurpose`, `sisterEveryDayMandatoryRecord`) VALUES
(709, 'Заказ CMD', 0, 80, 0, 0, NULL, NULL, NULL, 'default', 'default', 0,
NULL, NULL, 1, 0, NULL, 1, 'proc_biomaterials_lock', 'proc_biomaterials
convert_plan', 'save_only zakaz_cmd', 'class_extention_record', 'show_bill',
'HidePayForHystoryZabor', 'TH_output_std', 'TD_output_std',
'Tbl_output_std', 'Tbl_output_std', 'TH_output_std', 'TR_output_inp',
'record_buttons_row', 'status_style', 'record_buttons_row',
'std_info_style', 'std_files_style', NULL, '/file_operationsdownload.php',
0, 1, 1, NULL, NULL, NULL, 0, 1, 1, 0, NULL, 1, 0, 1, 0, NULL, 0, 0, NULL,
NULL, 0, 0, 0, 0, 0, NULL, 0, 0, NULL, NULL, 0, NULL, 0, 1, NULL, NULL,
NULL, 0, 0, NULL, 2, 1, 0);
REPLACE INTO `references` (`recordTypeID`, `name`, `dead`, `chapter`,
`med_refferal`, `need_redirection`, `edit_GUID`, `order`, `order2`,
`interf_ref`, `d_table`, `num_list`, `signs`, `show_treatment`,
`show_content`, `show_time`, `print_size_percentage`, `print_checker`,
`status_buttons`, `buttonSetID`, `buttonSetID_inp`, `extend_record_class`,
`record_method_in`, `record_method_out`, `TH_output_style`,
`TD_output_style`, `Tbl_output_style`, `Tbl_input_style`, `TH_input_style`,
`TD_input_style`, `button_line_style`, `status_line_style`,
`button_line_style_inp`, `text_style`, `files_style`, `files_alias`,
`files_script`, `show_in_summary`, `show_in_hystory`, `show_in_refferals`,
`identifier`, `print_form`, `print_form_cap`, `common_view`,
`use_autotemplate`, `multifier`, `specialist_visit`,
`form14_operation_identififier`, `show_creation_date_in_caption`,
`copy_content_from_previous_record_of_same_type`, `show_date`,
```

```
`print_full_text_position`, `allow_record_date_change`, `PHR_notification`,
`PHR_hide_record`, `summary_referecnce_order`, `print_template_php`,
`print_record_date_from_field_date`, `dont_show_name_in_print_all_records`,
`dont_show_name_in_print_record`, `dont_print_treatment`,
`show_contract_type_in_head`, `first_hystory_record`, `auto_lock`,
`advanced_protocols`, `info`, `ClinicalDocument/code`,
`force_patient_name_printing`, `minzdrav_code`, `show_count_in_report`,
`show_time_in_info`, `Место оказания помощи`, `Порядок случаев госпитализации или
обращения`, `export_recordTypeGroup`, `show_in_analise_dynamic`,
`dont_print_recomendations`, `ref_replace_dep_director_position`,
`IdCaseType`, `IdVisitPurpose`, `sisterEveryDayMandatoryRecord`) VALUES
(201, 'Результаты анализа', 0, 80, 0, 0, NULL, NULL, NULL, 'default',
'default', 0, NULL, 0, 1, 0, NULL, 1, NULL, 'get_cmd_pdf', 'save_only',
'class_extention_record', 'show_body_from_php_script', 'restore_body_show',
'TH_output_std', 'TD_output_std', 'Tbl_output_std', 'Tbl_output_std',
'TH_output_std', 'TR_output_inp', 'record_buttons_row', 'status_style',
'record_buttons_row', 'std_info_style', 'std_files_style', NULL,
'/file_operationsdownload.php', 1, 1, 1, NULL, '-', NULL, 0, 1, 1, 0, NULL,
1, 0, 1, 0, NULL, 0, 0, NULL,
'/_services/Core/DatabaseRecord.getData?template=/laboratory/CMD/results.htm
l', 0, 0, 0, 0, 0, 0, 0, 0, NULL, NULL, 0, NULL, 0, 1, NULL, NULL, NULL, 0,
0, NULL, 2, 1, 0);
INSERT INTO `button_set` (`author_only`, `GUID`, `digested`, `always`, `ID`,
`order`, `html_id`, `style`, `Name`, `script`, `Action`, `title`, `image`,
`dead`, `lifespan`, `callback`) VALUES (0, NULL, 1, 0, 'get_cmd_pdf', 2,
NULL, 'but_image', NULL, 'butpress_si',
'/_services/Laboratory/LaboratoryRequest.getResult?template=/laboratory/CMD/
download.html&', 'Запросить PDF результат анализа', 'pdf.png', 0, NULL, NULL);
UPDATE `button_set` SET `dead` = 1 WHERE `ID` = 'proc_biomaterials';
INSERT INTO `button_set` (`author_only`, `GUID`, `digested`, `always`, `ID`,
`order`, `html_id`, `style`, `Name`, `script`, `Action`, `title`, `image`,
`dead`, `lifespan`, `callback`) VALUES (0, NULL, 0, 0, 'proc_biomaterials',
0, NULL, 'std40', 'Изменить', 'butpress_si', '/kpo/calculator', 'Составить
список услуг', NULL, 0, NULL, NULL);
INSERT INTO `button_set` (`author_only`, `GUID`, `digested`, `always`, `ID`,
`order`, `html_id`, `style`, `Name`, `script`, `Action`, `title`, `image`,
`dead`, `lifespan`, `callback`) VALUES (0, NULL, 0, 0, 'proc_biomaterials',
0, 'DEL', 'std40', 'Удалить', 'butpress_si_del', 'edit', 'Удалить запись',
NULL, 0, NULL, NULL);
INSERT INTO `button_set` (`author_only`, `GUID`, `digested`, `always`, `ID`,
`order`, `html_id`, `style`, `Name`, `script`, `Action`, `title`, `image`,
`dead`, `lifespan`, `callback`) VALUES (0, 9, 0, 0, 'proc_biomaterials', 2,
NULL, 'std40', 'Отправить в CMD', 'butpress_si',
'/_services/Laboratory/LaboratoryRequest.makeOrder?template=/laboratory/heli
x/saveDataResult.html&', 'Отправка заказа в CMD', NULL, 0, NULL, NULL);
```

# Настройка интеграции с CMD

Создаем конфигурационный файл и вносим параметры доступа, полученные от службы поддержки лаборатории:

```
echo 'LpuCode = xxx  
  
token = xxx  
  
url = https://office.cmd-online.ru/api/v1/order/integration  
  
ftp = 10.10.1.45 ftp_login = xxx ftp_password = kr4JrL5f '>>  
/var/www/mgerm25/conf/cmd.ini
```

## Настройки базы данных

## Настройки планировщика задач

```
#write out current crontab  
crontab -l> mycron  
#echo new cron into cron file  
echo "'0 */2 * * * curl  
"http://localhost/_services/Laboratory/CMD/CmdConnector.getAndStoreResult?no  
_connection=1"//'">> mycron  
#install new cron file  
crontab mycron  
rm mycron
```

Для получения результатов необходимо установить и настроить VPN согласно инструкциям от лаборатории CMD.

## Основные методы интерфейса

### Получение результата

```
/services/Laboratory/CMD/CmdConnector.getAndStoreResult?noconnection=1
```

## Отправка заказа

[/\\_services/Laboratory/LaboratoryRequest.makeOrder?template=/laboratory/helix/saveDataResult.html](#)  
&

## Получение PDF

[/\\_services/Laboratory/LaboratoryRequest.getResult?template=/laboratory/CMD/download.html&](#)

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