

Data Scape Project Documentation

Program interface

Main window to connect to Hospital Integrated System take Scape medical data and store to Local SQL Server.

The screenshot displays the 'Data Scape Project' application window. It features a menu bar with 'Login', 'Patients', 'Visits', and 'Configuration'. The main area contains three distinct form panels:

- Login Panel:** Includes fields for 'User' and 'Password', and a 'Log in' button.
- Local SQL Server Panel:** Includes fields for 'Host Name' (localhost), 'Data Base' (scape), 'User' (root), and 'Password' (masked with asterisks), and a 'Save' button.
- Local Oracle Server Panel:** Includes fields for 'Data Source' (SID1.world), 'User' (ri_owner), and 'Password' (masked with asterisks), and a 'Save' button.

After correct login on the Patients tab we can see patient stored in the Local SQL Server. There are several option to show patients. In the Data Scape Project (DSP) are implemented many filters to select data patients:

- First Name
- Sure Name
- PESEL/NIP
- Date of Birth
- Gender
- Visit ID
- Date of Birth between
- Date of Admission between

- Date of Discharge between
- others sql query

The screenshot shows the 'Data Scope Project' application interface. At the top, there are tabs for 'Login', 'Patients', 'Visits', and 'Configuration'. Below the tabs is a search area for patients with fields for 'First Name', 'Sure Name', 'PESEL/NIP', 'Date of Birth', 'Gender', and 'Visit ID'. The 'Date of Birth' field is set to '2014-10-31'. There are also buttons for 'Load from Local', 'Send', and 'Send List' for both HL7 and DICOM protocols. Below the search area is a 'Patient list' table with columns: Id_visit, PESEL, First_Name, Sure_Name, Date_of_admission, Date_of_discharge, and Sent. The row for patient 265254 is highlighted. Below the table, it says 'Zaznaczono pacjenta: 265254'. On the right side, there are 'Additional filters' for 'Date of Birth between', 'Date of Admission between', and 'Date of Discharge between'. The 'Date of Discharge between' filter is set to '2014-07-01' to '2014-08-01'. Below the filters is a section for 'Other Patient Data' with fields like Name, PESEL, Id_previous_visit, Street, House_number, City, Postal_code_of_reside..., Country, Date_of_birthday, Sex_of_patient, Blood_type, and Address.

Id_visit	PESEL	First_Name	Sure_Name	Date_of_admission	Date_of_discharge	Sent
263308	6212150	Alina		2013-11-29 11:45	2014-07-02 08:31	✓
263418	6212150	Alina		2013-11-29 11:45	2014-07-02 08:31	✓
263423	6212150	Alina		2013-11-29 11:45	2014-07-02 08:31	✓
265254	590307	Piotr		2014-01-14 16:25	2014-07-11 08:08	✓
267375	720508	Anna		2014-02-24 09:46	2014-07-02 08:38	✓
267529	590312	Józef		2014-02-26 09:09	2014-07-07 10:00	✓
267648	590312	Józef		2014-02-26 09:09	2014-07-07 10:00	✓
270006	630921	Ryszard		2014-04-11 10:29	2014-07-09 09:00	✓
271280	67070	Andrzej		2014-05-09 12:07	2014-07-01 09:20	✓
271374	560622	Czesław		2014-05-12 10:53	2014-07-01 09:16	✓
271492	850408	Robert		2014-05-14 07:41	2014-07-11 09:00	✓
271639	5710221	Eugeniusz		2014-05-15 12:52	2014-07-11 10:18	✓
271747	580617	Andrzej		2014-05-19 08:37	2014-07-02 07:58	✓

To send data to Data centre we can select one record and push Send button. We can also sent all presented record by push Send List button

The screenshot shows the 'Data Scope Project' application interface. At the top, there are tabs for 'Login', 'Patients', 'Visits', and 'Configuration'. Below the tabs is a section for 'Katalog kart' with sub-tabs for 'Rozpoznanie i leczenie', 'Morfologia', and 'Badania obrazowe i inne'. There is a button 'Wczytaj szczegóły leczenia'. Below this is a 'Lista kart leczenia pacjenta:' table with columns: Id_Visit, PESEL, ICD_10_code_1, ICD_10_description_1, ICD_10_code_2, ICD_10_description_2, Date_of_admission, and Date_of_discharge. The row for patient 265254 is highlighted. Below the table, it says 'Zaznaczono kartę nr: 265254'. At the bottom, it says 'by Scape Project'.

Id_Visit	PESEL	ICD_10_code_1	ICD_10_description_1	ICD_10_code_2	ICD_10_description_2	Date_of_admission	Date_of_discharge
265254	590307	A15.1	Gruźlica płuc potwierdzo...	I20	Dusznicza bolesna	2014-01-14 16:25	2014-07-11 08:08

Data Scope Project

Login Patients Visits Configuration

Katalog kart Rozpoznanie i leczenie Morfologia Badania obrazowe i inne

Rozpoznanie i procedury:

Name	Value
ICD_10_code_1	A15.1
ICD_10_description_1	Gruźlica płuc potwierdzona wyłącznie posiewem
ICD_10_code_2	I20
ICD_10_description_2	Dusznicza bolesna
ICD_9_code_1	I17
ICD_9_description_1	AMINOTRANSFERAZA ALANINOWA (ALT) - KREW...
ICD_9_code_2	L43
ICD_9_description_2	GLUKOZA - KREW ŻYLNĄ, SUROWICA
ICD_9_code_3	N45
ICD_9_description_3	POTAS (K) - KREW ŻYLNĄ, SUROWICA
ICD_9_code_4	O35
ICD_9_description_4	SÓD (NA) - KREW ŻYLNĄ, SUROWICA
ICD_9_code_5	C53
ICD_9_description_5	MORFOLOGIA KRWI 8-PARAMETROWA - KREW ...

Podsumowanie leczenia:

Name	Value
Discharge_summary	
Epicrisis	
Recommendations	
Observation	
Observation_date	2014-07-11 08:27:12
Date_of_admission	2014-01-14 16:25:00
Date_of_discharge	2014-07-11 08:08:00

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Login Patients Visits Configuration

Katalog kart Rozpoznanie i leczenie Morfologia Badania obrazowe i inne

Badania krwi:

Name	Value	Unit	Norm
WBC	3,66	G/L	4,23 - 9,07
RBC	4,35	T/L	4,63 - 6,08
HcT	0,3950	L/L	0,40 - 0,51
HGB	8,40	mmol/L	8,5 - 10,9
MCV	90,80	fL	79,0 - 92,2
MCHC	21,30	mmol/L	20,0 - 22,7
RDW	13,30	%	11,6 - 14,4
PLT	178	G/L	163 - 337
MPV	10,50	fL	9,4 - 12,6

Name	Value	Unit	Norm
Na	142,7747	mmol/L	136 - 146
K	4,4974	mmol/L	3,50 - 5,20
GLU	4,7147	mmol/L	3,3 - 6,1
UREA	6,3169	mmol/L	2,76 - 6,43
ALT	27,0716	U/L	5 - 41
AST	31,7411	U/L	5 - 40
KRE_S	72,3706	umol/L	62 - 136
CHOL			

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Login Patients Visits Configuration

Katalog kart Rozpoznanie i leczenie Morfologia Badania obrazowe i inne

Badania obrazowe i inne:

Name	Value
EKG_report	
EKG_date	
RTG_referral	2014-06-18 12:49:00
RTG_report	
RTG_date	2014-06-18 09:07:09
Rtg_accession_number	
CT_referral	
CT_report	
CT_date	
CT_accession_number	
USG_referral	2014-03-13 11:23:00
USG_report	
USG_date	2014-03-13 10:13:33
Bronchoscopy_referral	
Bronchoscopy_report	
Bronchoscopy_date	

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Program code

