



EUROPEAN CENTRAL BANK

EUROSYSTEM

ECB
DG-MIP
T2/T2S Consolidation Project Team

T2/T2S Consolidation

Service Interface – Information and Reporting

Task Force on Future RTGS Services

4th TF meeting on 27 March 2017

Overview

- 1 Feedback from Task Force**
- 2 Overview of Proposal
- 3 Standard Reports
- 4 Queries
- 5 Non-functional Considerations

Views expressed in the last Task Force

During the last Task Force it was established that:

- There is a need for some reports to be produced daily for all participants
- There is also a need for participants to be able to request pre-defined reports or to run queries and to be able to receive the results as a report
- Participants would welcome the provision of a facility that would allow them to define their own reports and queries

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Overview of Proposed Reporting and Query facilities

The future RTGS services shall provide facilities for operational reporting and queries:

- Standard pre-defined reports created automatically
- A range of pre-defined interactive queries

To compliment this, non-operational information and reporting shall also be provided (*will be presented in the Task Force meeting on 24 April*)

- A range of pre-defined ad-hoc reports and queries shall be available for historic information or statistical analysis
- There will be different Data Warehouse Services, offering different opportunities for users to access and present their own data
- The scope and tools for the different Data Warehouse Services will be defined during the specification phase

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Standard Reports

Standard reports, e.g. Statements of Account, are:

- Pre-defined - structure and content
- Generated automatically
- Time or event triggered
- Sent immediately to all subscribers, in Push mode, via A2A

Standard Reports

- Standard reports will be retained for an agreed period of time within the service, after which they could be reproduced from the data warehouse
- Participants will be able to request a copy of a previously produced report, either via A2A or U2A
- The list of currently known standard operational reports is provided in the 'Reports (A2A)' sheet within:
'2017-03-27 Information and Reporting – Queries, Reports and Actions.xls'
 - Are there any more?

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Queries

- Users will be provided with a range of pre-defined operational queries that they will be able to run as and when required
- An example of a pre-defined query, taken from the current TARGET2 system:

Selection criteria for query

Payments & Messages		Liquidity		Ancillary Systems			
RTGS : Payments and Messages : Select Criteria				User: user02-test Last Update: 2017-03-21 11:31:54			
Message Type	<input checked="" type="checkbox"/> 103	<input checked="" type="checkbox"/> 202	<input checked="" type="checkbox"/> 204	<input checked="" type="checkbox"/> Order	Payment Status	▶ All	
	<input type="checkbox"/> AS XML			<input checked="" type="checkbox"/> T2S XML	<input checked="" type="checkbox"/> Internal Message	Counterpart Country	▶ All
Amount	▶ All					Sender BIC	<input type="text"/>
Settlement	<input checked="" type="checkbox"/> Credits	<input checked="" type="checkbox"/> Debits			Receiver BIC	<input type="text"/>	
Priority	<input checked="" type="checkbox"/> Normal	<input checked="" type="checkbox"/> Urgent	<input checked="" type="checkbox"/> Highly urgent		Dedicated Cash Account	▶ All	
Payment Type	▶ All					Payments with Debit Time Indicator	▶ All
Execution Date	▶ 2017-03-21					Entry Time	▶ All
SSP Error Code	▶ All					Settlement Time	▶ All
Account / Sub Account	▶ All					SWIFT Fields	▶ None
SSP Business Case ID	<input type="text"/>					Transaction Reference	<input type="text"/>
SSP Booking ID	<input type="text"/>					Related Reference	<input type="text"/>
SSP Business Relation	National <input type="button" value="v"/>					File Reference	<input type="text"/>
RAD Impact / Status	All <input type="button" value="v"/>					AS Transaction Status	<input type="checkbox"/> ACSC <input type="checkbox"/> COPS <input type="checkbox"/> INVL
Preferences	▶ 99 row(s) and 14 column(s)						<input type="checkbox"/> RJCT <input type="checkbox"/> REVR <input type="checkbox"/> RJDA
<input type="button" value="Submit"/> <input type="button" value="Save Selection"/> <input type="button" value="Load Selection"/> <input type="button" value="Default Selection"/>							

Queries

Query results displayed on user's screen

<input type="checkbox"/>	Entry time ↕	Settlement time ↕	Transaction Reference ↕	Related Reference ↕	Sender ↕	Receiver ↕	Debit Account (BIC) ↕	Credit Account (BIC) ↕	Amount (EUR) ↕	Payment Status
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147687	0000000035147687	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQG	▸ECBFDEF02S	2.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147833	0000000035147833	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQX	▸ECBFDEF02S	1,000,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147834	0000000035147834	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQX	▸ECBFDEF02S	1,000,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147815	0000000035147815	TRGTXESD	TRGTXEP02S	▸CMCIFRP0CIC	▸ECBFDEF02S	100,000,125.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147816	0000000035147816	TRGTXESD	TRGTXEP02S	▸CMCIFRP0CIC	▸ECBFDEF02S	100,000,518.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147817	0000000035147817	TRGTXESD	TRGTXEP02S	▸CMCIFRP0CIC	▸ECBFDEF02S	100,000,325.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148016	0000000035148016	TRGTXESD	TRGTXEP02S	▸ZYCXFRP0	▸ECBFDEF02S	1,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147880	0000000035147880	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQX	▸ECBFDEF02S	22,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148022	0000000035148022	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQX	▸ECBFDEF02S	3,300.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148275	0000000035148275	TRGTXESD	TRGTXEP02S	▸ZYDQFR20BQX	▸ECBFDEF02S	1.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147854	0000000035147854	TRGTXESD	TRGTXEP02S	▸FMBKDEM0	▸ECBFDEF02S	500,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147927	0000000035147927	TRGTXESD	TRGTXEP02S	▸FMBKDEM0	▸ECBFDEF02S	500,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035147994	0000000035147994	TRGTXESD	TRGTXEP02S	▸FMBKDEM0	▸ECBFDEF02S	500,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148001	0000000035148001	TRGTXESD	TRGTXEP02S	▸BSUIFRP0	▸ECBFDEF02S	100,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148002	0000000035148002	TRGTXESD	TRGTXEP02S	▸BSUIFRP0	▸ECBFDEF02S	8,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148009	0000000035148009	TRGTXESD	TRGTXEP02S	▸BSUIFRP0	▸ECBFDEF02S	42,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148010	0000000035148010	TRGTXESD	TRGTXEP02S	▸BSUIFRP0	▸ECBFDEF02S	26,000,000.00	Settled
<input type="checkbox"/>	17:00:00	17:00:00	0000000035148011	0000000035148011	TRGTXESD	TRGTXEP02S	▸BSUIFRP0	▸ECBFDEF02S	35,000,000.00	Settled

Queries

Queries will:

- Be based on the criteria selected and values entered by the user
- Be executed interactively
- Display the results on the user's screen
- Indicate 'no results' if there were no results matching the selected criteria
- Be subject to limits on volume of output

The list of currently known pre-defined operational queries is provided in the 'Queries' sheet within:

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➤ Are there any more?

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Non-functional considerations:

- Generation of reports must not impact the response time for service users
- Reports and queries will only be available to participants who are authorised to use them
- Data protection must be ensured by checking participants' access rights to the data
- All operational reports and queries sent via A2A will be in XML format and shall be ISO 20022 compliant, as far as possible