

Sample Camt 053 File Document

Sample camt 053 file is an essential document in the realm of financial services, particularly within the context of bank statement reporting and reconciliation processes. As a standardized format defined by the International Organization for Standardization (ISO 20022), camt 053 files facilitate efficient and accurate communication of account statement information between banks and their customers. Whether you are a financial analyst, a software developer working on banking applications, or a compliance officer ensuring seamless data exchange, understanding the structure and content of a sample camt 053 file is crucial. This comprehensive guide aims to clarify what a camt 053 file is, its key components, how to interpret a sample, and its significance in financial workflows.

What is a camt 053 File?

Definition and Purpose

A camt 053 file is an XML-based bank statement message used within the ISO 20022 messaging standard. It provides detailed information about all transactions that have occurred within a specific account over a defined period. These files are typically generated by banks and delivered to account holders or financial institutions to support reconciliation, audit trails, and financial reporting.

Key purposes of camt 053 files include:

- Providing a comprehensive view of account activity
- Supporting automated reconciliation processes
- Ensuring compliance with regulatory reporting standards
- Facilitating data analysis and financial planning

ISO 20022 Standard

ISO 20022 is a globally accepted standard for electronic data interchange between financial institutions. It offers a flexible, extensible, and rich messaging framework that allows for detailed transaction data, making camt 053 files more informative compared to older formats like MT940 or MT950.

Components of a Sample camt 053 File

Understanding the structure of a camt 053 file is essential to interpret its data accurately. Below are

the main components you will find in a typical sample file:

1. Header Information

Contains metadata about the message, including message identification, creation date, and responsible parties.

- MsgId: Unique identifier for the message
- CreDtTm: Creation date and time of the message
- BtchBookg: Batch booking indicator
- MsgPgntn: Pagination details if the message spans multiple pages

2. Account Identification

Specifies the account details for which the statement pertains.

- Id: Account number or IBAN
- Ccy: Currency code (e.g., EUR, USD)
- Tp: Type of account (e.g., checking, savings)

3. Statement Information

Provides details about the statement period and other relevant information.

- StmtId: Unique statement identifier
- FrDt and ToDt: Start and end dates of the statement period
- Bal: Opening and closing balances

4. Balance Details

Shows the account balances at the beginning and end of the statement period.

- BalanceType: Type of balance (opening, closing)
- Amt: Amount of the balance
- CdtDbtInd: Credit or debit indicator

5. Transaction Details

This is the core of the camt 053 file, listing individual transactions.

- Ntry: Entry representing a transaction
- Amt: Transaction amount
- CdtDbtInd: Credit or debit indicator
- BookgDt: Booking date
- ValDt: Value date
- NtryRef: Transaction reference
- RmtInf: Remittance information
- AddtlNtryInf: Additional transaction information

6. Supplementary Data

Includes optional or additional information such as charges, fees, or transaction categorization.

Interpreting a Sample camt 053 File

When analyzing a sample camt 053 file, it's important to focus on key data points that support your specific objectives, such as reconciliation, fraud detection, or financial reporting.

Step-by-Step Analysis

- Verify the Header Data

Confirm the message ID and creation timestamp to ensure the data's freshness and uniqueness.

- Review Account Details

Cross-check the account ID and currency to ensure the statement matches the expected account.

- Examine the Statement Period

Note the start and end dates to understand the scope of transactions included.

- Assess Balances

Compare opening and closing balances to identify any discrepancies or unusual activity.

- Analyze Transaction Entries

For each transaction:

- Check the date and reference number
- Review the transaction amount and whether it is a credit or debit
- Read remittance information for transaction purpose
- Look for any unusual or unexpected transactions

- Utilize Supplementary Data

Use additional information to categorize transactions or identify fees.

Benefits of Using a Sample camt 053 File

Using a sample camt 053 file provides multiple advantages for various stakeholders:

- Development and Testing: Developers can test banking software or reconciliation tools against sample files before deploying in production.
- Training: New staff can learn how to interpret bank statements digitally.
- Compliance: Ensures that the structure and data are correctly formatted according to ISO 20022 standards.
- Error Detection: Helps identify data inconsistencies or errors early in the process.

Best Practices for Handling camt 053 Files

To maximize the efficiency and accuracy of processing camt 053 files, consider the following best practices:

- Validate XML Structure: Use XML schema validation tools to ensure the file adheres to ISO 20022 standards.
- Automate Parsing: Implement automated scripts or software to parse and extract relevant data points.
- Secure Data Transmission: Use secure channels (e.g., SFTP, encryption) to transmit sensitive

financial data.

- Regular Updates: Keep your processing systems updated to handle any schema changes or extensions.
- Audit Trails: Maintain logs of processed files for audit and compliance purposes.

Tools and Resources for Working with camt 053 Files

Several tools and resources can facilitate the handling of camt 053 files:

- XML Validators: Tools like XMLSpy, Oxygen XML Editor, or online validators help ensure proper formatting.
- ISO 20022 Documentation: The official ISO 20022 website provides detailed schemas and documentation.
- Banking Software SDKs: Many financial software vendors offer SDKs that can parse and process camt 053 files.
- Open-Source Libraries: Libraries in languages such as Python, Java, or C designed for ISO 20022 message processing.

Conclusion

A **sample camt 053 file** serves as a vital component in modern banking and financial data management. Its XML-based structure provides a comprehensive overview of account activity, enabling seamless reconciliation, compliance, and financial analysis. By understanding its components—from header information to detailed transaction entries—financial professionals and developers can leverage this standard to improve operational efficiency and data accuracy. Whether for testing, training, or real-world processing, working with sample camt 053 files equips stakeholders with the knowledge necessary to navigate the evolving landscape of electronic bank statement reporting confidently.

Keywords: camt 053, bank statement, ISO 20022, XML, financial reporting, transaction data, account reconciliation, sample file, financial standards, banking software

Sample CAMT 053 File: An In-depth Review and Guide

In the realm of financial messaging and bank statement reporting, the sample CAMT 053 file stands out as a vital component for banks, corporate clients, and financial institutions aiming for streamlined, accurate, and standardized transaction reporting. CAMT 053 files, part of the ISO 20022 messaging standard, have revolutionized how bank account statements are generated, transmitted, and processed. This article provides a comprehensive review of a sample CAMT 053 file, delving into its structure, features, benefits, and practical use cases to help users understand its

significance and optimize its implementation.

Understanding CAMT 053 Files

What is a CAMT 053 File?

A CAMT 053 file is an XML-based message conforming to the ISO 20022 standard, used primarily for transmitting bank statement information to corporate clients and financial institutions. It contains detailed transaction data, account balances, and statement metadata, designed to replace older formats like MT940 or MT950.

Key Features:

- XML format ensures platform independence and extensibility
- Contains structured data for easier parsing and automation
- Supports rich data elements such as transaction details, balances, and references
- Facilitates real-time or near-real-time statement updates

Use Cases:

- Daily or periodic bank statement reporting
- Reconciliation processes in accounting systems
- Cash management and liquidity analysis
- Automated transaction processing

Structure of a Sample CAMT 053 File

A typical CAMT 053 file is organized into various hierarchical sections, each serving a specific purpose. Understanding its structure is essential for parsing and integration.

Header Section

The header provides metadata about the message, including message ID, creation date/time, and initiating party details.

Sample Elements:

```
```xml
```

MSG123456789

2024-04-25T10:15:00

2024-04-01T00:00:00

2024-04-25T23:59:59

...

Purpose:

- Identifies the message uniquely
- Marks creation timestamp
- Defines the reporting period

Account Information

This section details the account for which the statement applies.

Sample Elements:

```xml

DE89370400440532013000

EUR

Sample Company Ltd.

...

Features:

- IBAN or other account identifiers
- Currency code
- Account owner details

Statement Details

This element contains the actual transaction data, balances, and related information.

Sample Elements:

```
```xml

STMT20240401

2024-04-25T10:15:00

CLBD

15000.00

CRDT
2024-04-25
-250.00

DBIT

BOOK
2024-04-242024-04-24
TRX987654321

Invoice 1234 Payment

```
```

Features:

- Balance details (opening, closing, interim)
- Transaction entries with amounts, dates, references, and remittance info
- Status indicators (e.g., BOOK, PDNG)
- Structured or unstructured remittance information

Practical Features and Benefits of Sample CAMT 053 Files

The CAMT 053 format introduces numerous features that provide tangible benefits for users.

Standardization and Compatibility

- ISO 20022 compliance ensures consistent data formats across institutions.
- Facilitates interoperability between banks and clients worldwide.
- Supports multiple currencies and account types.

Automation and Efficiency

- XML structure enables easy parsing by software tools.
- Supports automated reconciliation, reducing manual errors.
- Enables real-time or scheduled statement delivery.

Rich Data Elements

- Detailed transaction descriptions, references, and remittance info.
- Balances and cash positions included for better liquidity management.
- Supporting multiple statement segments, such as intra-day or end-of-day.

Enhanced Data Security and Integrity

- XML schema validation ensures data integrity.
- Digital signatures can be embedded for authentication.

Pros and Cons of Sample CAMT 053 Files

Pros:

- **Rich and Detailed Data:** Provides comprehensive transaction and balance information, facilitating accurate reconciliation and reporting.
- **Interoperability:** Industry-standard format ensures compatibility across different systems and banks.
- **Automation Friendly:** XML structure simplifies integration into ERP, accounting, and treasury systems.
- **Flexibility:** Supports multiple account types, currencies, and statement segments.
- **Future-proof:** ISO 20022 is continually evolving, allowing for new data elements and features.

Cons:

- Complexity: The XML structure can be intricate, requiring specialized knowledge for parsing and validation.
- File Size: Detailed data can lead to larger files compared to traditional formats, impacting bandwidth and storage.
- Implementation Overhead: Transitioning from legacy formats to CAMT 053 involves setup, training, and system updates.
- Compatibility Issues: Older systems may require upgrades to fully support ISO 20022 messages.

Practical Tips for Working with Sample CAMT 053 Files

- Validate XML Files: Always validate against the official schema (XSD) to ensure correctness before processing.
- Use Parsing Libraries: Leverage existing XML parsers (e.g., JAXB, lxml) to extract needed data efficiently.
- Automate Reconciliation: Integrate CAMT 053 files into your ERP or treasury system to automate bank statement reconciliation.
- Handle Multiple Segments: Be aware that some files may contain multiple statement segments; process each accordingly.
- Secure Transmission: Use secure channels (e.g., SFTP, VPN) for file transfer to maintain confidentiality.

Implementing and Customizing Sample CAMT 053 Files

When implementing CAMT 053 files within your organization, consider the following:

- Mapping Data Elements: Map your internal transaction data to the XML elements defined in the CAMT 053 schema.
- Customization: While the standard provides flexibility, avoid unnecessary customization that may hinder interoperability.
- Testing: Rigorously test file generation and parsing processes with sample files to prevent errors in production.
- Compliance: Ensure adherence to ISO 20022 standards and local banking regulations.

Conclusion

The sample CAMT 053 file exemplifies a modern, robust approach to bank statement reporting, harnessing the power of XML and ISO 20022 standards to deliver detailed, structured, and interoperable financial data. Its features enable organizations to automate processes, improve

accuracy, and gain better insights into their cash positions. While the complexity may pose initial challenges, the long-term benefits outweigh the hurdles, especially as banking ecosystems increasingly move towards standardized digital communication. Whether for daily reconciliation, cash management, or regulatory reporting, mastering the CAMT 053 format is an invaluable step towards a more efficient and transparent financial operation.

QuestionAnswer What is a sample camt 053 file and what information does it typically contain? A sample camt 053 file is an XML-formatted bank statement message used in the ISO 20022 standard. It typically contains account statement details, including transaction history, balances, account information, and reconciliation data, enabling automated processing and reconciliation. How can I validate the structure of a sample camt 053 file? You can validate a sample camt 053 file by using an XML schema validator against the official ISO 20022 schema definitions for camt.053 messages. Many financial institutions also provide validation tools or software that check for schema compliance and data integrity. What are the common use cases for a sample camt 053 file in banking? Common use cases include account reconciliation, automated transaction processing, financial reporting, and data integration between banks and corporate treasury systems. It enables clients to efficiently process bank statements and monitor account activity. Where can I find a reliable sample camt 053 file for testing purposes? Reliable sample camt 053 files can be obtained from financial industry standards organizations, banking software providers, or through open-source repositories on platforms like GitHub. Some banks also provide sample files for developers during API integration testing. What are best practices for implementing parsing of a sample camt 053 file in a software application? Best practices include validating the XML against the official schema, handling namespace and encoding issues, implementing robust error handling for malformed files, and mapping the extracted data to your application's data models for seamless integration.

Related keywords: camt 053, bank statement, SWIFT MT940, bank reconciliation, XML format, cash management, electronic bank statement, statement report, financial data, banking file format

Camt 53 example

camt 53 example

In the world of financial messaging and bank statement reporting, the camt.053 message type plays a vital role in providing detailed account statements for customers. Whether you are a banking professional, a developer working on financial software, or an auditor analyzing transaction data, understanding a camt.053 example is crucial. This article offers an in-depth exploration of a camt.053 message example, explaining its structure, components, and practical applications to help you interpret and implement it effectively.

Understanding camt.053: The Bank Statement Message

What is camt.053?

The camt.053 message, also known as the "Bank Statement" message, is part of the ISO 20022 standard used for electronic data interchange in banking. It provides detailed information about all transactions and balances of an account over a specified period. Banks utilize camt.053 to deliver comprehensive account statements to their clients, ensuring transparency and compliance with regulatory requirements.

Why is camt.053 Important?

- Facilitates automated reconciliation processes.
- Enhances transparency in bank-client communication.
- Supports compliance with regulatory reporting.
- Enables integration with accounting and ERP systems.

Key Components of a camt.053 Message

A typical camt.053 message is structured into several main parts, each serving a specific purpose:

1. Group Header

Contains metadata about the message, such as message identification, creation date/time, and the initiating party.

2. Account Information

Details of the account for which the statement is generated, including account number, currency, and account type.

3. Statement Period

Defines the time range of the statement, with start and end dates.

4. Balance Information

Provides opening, closing, and other relevant balances.

5. Entry Details

Lists individual transactions, including credits, debits, and related details.

6. Supplementary Data (Optional)

Additional information, such as transaction reasons, references, and notes.

Example of a camt.053 Message

Below is a simplified example of a camt.053 message, illustrating the typical structure and content:

```

<?xml
MSG123456789
2024-04-25T10:30:00
PAGE1234
1
false
STATEMENT202404
1
2024-04-25T10:30:00
DE89370400440532013000
EUR
Checking Account
OPNG
10000.00
2024-04-01
CLSG
12000.00

```

2024-04-25
-150.00

DBIT

BOOK
2024-04-202024-04-20
REF123456

Grocery Store Purchase

...

Breaking Down the camt.053 Example

1. Group Header (GrpHdr)

- MsgId: Unique message identifier.
- CreDtTm: Creation date/time of the message.
- MsgPgntn: Pagination info if message is split over multiple pages.

2. Statement (Stmt)

- Id: Statement identifier.
- ElctrncSeqNb: Sequence number for electronic statements.
- CreDtTm: Date/time of statement generation.
- Acct: Account details, including IBAN, currency, and account name.
- Bal: Balances, such as opening and closing balances.
- Ntry: List of individual transactions (entries).

3. Transaction Entry (Ntry)

- Amt: Transaction amount with currency.
- CdtDbtInd: Indicates whether the transaction is a credit (CRDT) or debit (DBIT).
- Sts: Status of the transaction.
- BookgDt: Booking date.
- ValDt: Value date.
- AcctSvcrRef: Unique reference for the transaction.

- RmtInf: Remittance information, often describing the transaction.

Real-World Applications of a camt.053 Example

Automated Reconciliation

Financial institutions and companies use camt.053 messages to automatically reconcile bank transactions against internal records. By parsing the detailed entries, software can match payments, identify discrepancies, and generate reports.

Regulatory Compliance

Regulators often require detailed transaction reports for anti-money laundering (AML) and fraud detection. The comprehensive nature of camt.053 messages supports compliance efforts.

Accounting and ERP Integration

ERP systems ingest camt.053 messages to update financial ledgers seamlessly, reducing manual data entry and errors.

Customer Account Management

Customers can receive detailed, downloadable statements directly from their bank, facilitating transparency and financial planning.

Best Practices When Working with camt.053 Examples

- **Validate XML Structure:** Always ensure the message conforms to the ISO 20022 camt.053 schema.
- **Use Unique Identifiers:** Maintain unique message and transaction references for traceability.
- **Handle Multiple Entries:** Be prepared to process large volumes of transaction entries efficiently.
- **Secure Data:** Protect sensitive banking information during transmission and storage.
- **Implement Error Handling:** Detect and manage incomplete or malformed messages.

Conclusion

Understanding a camt.053 example is essential for anyone involved in banking data processing, financial software development, or regulatory reporting. The structured format of the camt.053 message provides a comprehensive view of an account's transactions and balances, enabling

automation, transparency, and compliance. By familiarizing yourself with its components, structure, and real-world applications, you can leverage camt.053 messages effectively in your financial workflows.

Whether you're parsing XML messages, integrating banking data into systems, or ensuring regulatory compliance, mastering camt.053 examples will enhance your capability to handle financial data accurately and efficiently.

Camt 53 example: A Comprehensive Review and Analysis

The Camt 53 example is a well-known illustration used within the financial messaging standards of SWIFT (Society for Worldwide Interbank Financial Telecommunication). It represents a specific message type used primarily for bank-to-bank communication, particularly within the context of cash management and treasury operations. Understanding the Camt 53 message structure is essential for professionals involved in financial operations, payment processing, and compliance. This article aims to provide an in-depth analysis of the Camt 53 example, exploring its structure, purpose, features, and practical applications.

What is Camt 53?

Definition and Purpose

Camt 53 is a message type defined within the ISO 20022 standard, which is increasingly replacing older SWIFT MT messages for financial communication. Specifically, Camt 53 is used for reporting cash balances, including details about the current and available balances of accounts held at financial institutions.

This message is often exchanged between banks and their corporate clients or between different banks for reconciliation and cash management purposes. It provides a detailed snapshot of an account's status at a given point in time, including various balances and other relevant information.

Key features of Camt 53 include:

- Detailed account balances
- Information on available and booked balances
- Currency and date details
- Additional information such as credit and debit entries

Understanding the Structure of Camt 53

Message Components

The Camt 53 message is structured hierarchically, following the XML schema defined by ISO 20022. Its main components include:

- Document Header: Contains metadata about the message, such as message ID, creation date, and message type.
- Account Information: Details about the specific account(s) for which the balances are reported.
- Balance Details: The core of the message, including one or multiple balance entries with associated information.
- Supplementary Data: Optional data that provides additional context or instructions.

Each component is meticulously structured to ensure clarity and completeness, facilitating automated processing and reconciliation.

Sample Structure Breakdown

A typical Camt 53 message contains:

- Message Header (GrpHdr): Identifies the message, sender, receiver, creation date/time.
- Account Report (Rpt): Contains account identifiers, currency, and report date.
- Balance Entries: Multiple entries, each representing a specific balance type (e.g., closing balance, available balance).
 - Details per Balance:
 - Balance type (e.g., closing, opening, available)
 - Date and time of the balance
 - Currency
 - Amount
 - Credit/debit indicators

Detailed Analysis of the Camt 53 Example

Examining a Typical Camt 53 XML Example

Below is an overview of a simplified example of a Camt 53 message:

```
```xml
```

MSG123456789

2023-10-15T10:00:00

Bank of Example

Bank of Example

REPORT20231015

2023-10-15T10:00:00

DE89370400440532013000

EUR

Example Bank

CLBD

12345.67

CRDT

2023-10-15

...

Analysis of Key Sections:

- Header (`GrpHdr`): Includes message ID, creation timestamp, sender, and receiver details.
- Report (`Rpt`): Contains account identification, currency, and balances.
- Balance (`Bal`): The balance type code (`CLBD` for closing balance), amount, date, and credit indicator.

This structure exemplifies how the message encapsulates comprehensive information about an account balance in a machine-readable format.

## Practical Applications of Camt 53

### Use Cases in Banking and Corporate Treasury

The Camt 53 message is primarily used in scenarios such as:

- Account Reconciliation: Automating matching of bank statements with internal records.
- Cash Position Monitoring: Providing real-time or periodic snapshots of available balances.
- Liquidity Management: Assisting treasury departments in managing cash flows.
- Regulatory Reporting: Ensuring compliance with financial reporting standards.
- Integration with Financial Software: Feeding balance data into ERP or treasury management systems.

## Advantages of Using Camt 53

- Standardization: ISO 20022 provides a universal structure, reducing ambiguity.
- Automation Friendly: XML format allows easy parsing and integration with systems.
- Rich Data Content: Includes detailed balance information, supporting complex analysis.
- Flexibility: Can be extended with additional data as needed.
- Interoperability: Facilitates communication between different financial institutions globally.

## Challenges and Limitations

- Complexity: The detailed XML structure can be daunting for newcomers.
- Implementation Variance: Some banks may have slight deviations, requiring testing.
- Processing Overhead: XML messages can be larger and require more processing power.
- Adoption Pace: Not all institutions have fully transitioned to ISO 20022 standards yet.
- Learning Curve: Mastery of the schema and message types demands training.

## Features and Highlights of the Camt 53 Example

Key features include:

- Clear Identification: Unique message IDs and timestamps for traceability.
- Account Specificity: Supports multiple accounts within a single message.
- Balance Types: Differentiates between various balances (closing, available, booked).
- Currency Specification: Supports multi-currency reporting.
- Date and Time Precision: Includes specific timestamps for accuracy.
- Optional Additional Data: Enables inclusion of supplementary information as needed.

Pros:

- Enhances transparency of account statuses.
- Supports automated reconciliation workflows.
- Improves data accuracy and reduces manual errors.
- Facilitates compliance with reporting standards.

#### Cons:

- Requires investment in systems capable of handling ISO 20022 messages.
- Might be overkill for small-scale operations with simple reporting needs.

## Conclusion: Is the Camt 53 Example Worth Integrating?

The Camt 53 example exemplifies the power and versatility of the ISO 20022 standard for cash management reporting. Its detailed structure and rich data content make it an invaluable tool for banks and corporate clients seeking efficient, automated, and accurate account reconciliation and cash monitoring.

While the initial implementation can be complex and resource-intensive, the long-term benefits such as improved operational efficiency, enhanced data quality, and compliance far outweigh the challenges. Organizations looking to upgrade their payment and reporting systems should consider adopting Camt 53 messages as part of their broader move toward ISO 20022 standards.

In conclusion, the Camt 53 example is a robust and flexible solution that aligns with modern banking needs, offering a comprehensive view of account balances in a standardized format that promotes interoperability and automation across the financial industry.

#### Final Thoughts:

Whether you're a banking professional, a treasury manager, or a software developer working on financial systems, understanding the Camt 53 example is crucial. Its adoption signals a move toward more transparent, automated, and efficient financial communication, paving the way for smarter banking and treasury operations worldwide.

**Question** What is a CAMT.053 message and how is it used in banking? A CAMT.053 message is a bank statement message in the ISO 20022 XML format used to provide detailed account transaction information to customers, typically used for reconciliation and account management. **Can you provide a basic example of a CAMT.053 message structure?** Yes, a typical CAMT.053 example includes sections like for statement details, for balances, and multiple elements for individual transactions, all structured in XML format following ISO 20022 standards. **What are common elements included in a CAMT.053 example file?** Common elements include the

message header, account identification, statement date range, opening and closing balances, and a list of transaction entries with details like amount, date, and description. How can I validate a CAMT.053 example file for correctness? You can validate a CAMT.053 file by using an XML schema validation against the ISO 20022 CAMT.053 schema, or by employing banking software tools designed for ISO 20022 message validation. Are there any open-source tools to generate or parse CAMT.053 example files? Yes, tools like FRED (Financial Rapid Encoder/Decoder), XML validators, and open-source libraries in languages like Java and Python can help generate or parse CAMT.053 messages for testing and development purposes. What should I pay attention to when creating a CAMT.053 example for testing? Ensure that all required fields are populated correctly, the XML structure adheres to the ISO 20022 schema, and transaction details are accurate to simulate real banking data effectively. How does a CAMT.053 example differ from other CAMT message types? A CAMT.053 is specifically a bank statement message, whereas other CAMT types like CAMT.054 (bank to customer debit and credit notification) or CAMT.052 (bank to customer account report) serve different reporting purposes with different data structures. Where can I find official examples of CAMT.053 messages for reference? Official ISO 20022 documentation, banking industry forums, and financial software providers often publish sample CAMT.053 messages for developers and testers to reference.

**Related keywords:** Camt 53 example, camt 53 message, camt 53 XML, camt 53 format, camt 53 structure, camt 53 schema, camt 53 tutorial, camt 53 parser, camt 53 documentation, camt 53 sample

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