

Documentation: AP.AP_INVOICES_ALL

Object Name: AP.AP_INVOICES_ALL

The AP.AP_INVOICES_ALL table in the Oracle ERP system contains detailed information about all invoices in the Accounts Payable (AP) module. This table is crucial for managing and tracking vendor invoices, payments, discounts, and taxes. It is used for various business purposes, including financial reporting, auditing, and vendor payment management.

Column Descriptions:

1. INVOICE_ID:	This is the unique identifier for each invoice.
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2. LAST_UPDATE_DATE:

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13. DISCOUNT_AMOUNT_TAKEN:

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20. TAX_AMOUNT:

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The AP.AP_INVOICES_ALL table likely has relationships with other tables in the ERP system, such as the vendor table (via VENDOR_ID), the user table (via LAST_UPDATED_BY), and the financial books table (via SET_OF_BOOKS_ID). The business logic inferred from this table includes invoice management, payment tracking, discount application, and tax calculation.

****Object Name:** AP.AP_INVOICES_ALL**

****Object Description:****

The AP.AP_INVOICES_ALL table in the Oracle ERP system holds all the information related to the invoices in the Accounts Payable (AP) module. This table is crucial for managing and tracking payments to suppliers, vendors, or other third-party entities. It includes details such as the terms of payment, payment method, payment status, creation date, approved amount, and more.

****Column Descriptions:****

1. `TERMS_ID`: This is the unique identifier for the terms of payment associated with the invoice. It is used to reference the specific terms agreed upon for payment.

2. `TERMS_DATE`: This is the date when the payment terms were established.
3. `PAYMENT_METHOD_LOOKUP_CODE`: This code represents the method of payment for the invoice. It could include methods such as bank transfer, credit card, cheque, etc. The actual methods are defined in a separate lookup table.
4. `PAY_GROUP_LOOKUP_CODE`: This code represents the payment group that the invoice belongs to. Payment groups are used to categorize invoices for easier management and tracking.
5. `ACCTS_PAY_CODE_COMBINATION_ID`: This is a unique identifier for the combination of accounts used for the payment. It is used to track the financial transactions associated with the invoice.
6. `PAYMENT_STATUS_FLAG`: This flag indicates the payment status of the invoice. 'Y' indicates that the payment has been made, while 'N' indicates that the payment is still pending.
7. `CREATION_DATE`: This is the date and time when the invoice record was created in the system.
8. `CREATED_BY`: This is the unique identifier of the user who created the invoice record.
9. `BASE_AMOUNT`: This is the base amount of the invoice before any taxes or additional charges.
10. `VAT_CODE`: This code represents the Value Added Tax (VAT) category applicable to the invoice.

11. `LAST_UPDATE_LOGIN`: This is the unique identifier of the user who last updated the invoice record.
12. `EXCLUSIVE_PAYMENT_FLAG`: This flag indicates whether the invoice is to be paid exclusively or can be combined with other invoices for payment.
13. `PO_HEADER_ID`: This is the unique identifier for the Purchase Order associated with the invoice.
14. `FREIGHT_AMOUNT`: This is the amount charged for freight or shipping in the invoice.
15. `GOODS_RECEIVED_DATE`: This is the date when the goods or services associated with the invoice were received.
16. `INVOICE_RECEIVED_DATE`: This is the date when the invoice was received.
17. `VOUCHER_NUM`: This is the voucher number associated with the invoice.
18. `APPROVED_AMOUNT`: This is the amount approved for payment in the invoice.
19. `RECURRING_PAYMENT_ID`: This is the unique identifier for recurring payments, if any, associated with the invoice.
20. `EXCHANGE_RATE`: This is the exchange rate used for the invoice if the payment was made in a different currency.

****Inferred Relationships and Business Logic:****

The `TERMS_ID` and `ACCTS_PAY_CODE_COMBINATION_ID` likely link to other tables that contain detailed information about the payment terms and account combinations respectively. The `CREATED_BY` and `LAST_UPDATE_LOGIN` fields likely link to a user or employee table. The `PO_HEADER_ID` likely links to a Purchase Order table. The `PAYMENT_METHOD_LOOKUP_CODE` and `PAY_GROUP_LOOKUP_CODE` likely link to lookup tables that contain detailed descriptions of the payment methods and payment groups. The `RECURRING_PAYMENT_ID` likely links to a table that contains details about recurring payments. The `EXCHANGE_RATE` would be used to convert the `BASE_AMOUNT` or `APPROVED_AMOUNT` to a different currency if necessary.

Object: AP.AP_INVOICES_ALL

The AP.AP_INVOICES_ALL table in the Oracle ERP system is a comprehensive table that stores all invoice related data. This table is crucial for managing and tracking all invoices in the Accounts Payable module. It contains information about the exchange rate type, exchange date, earliest settlement date, original prepayment amount, document sequence ID and value, document category code, and a series of attributes that can be customized to store additional information as per business needs.

Column Descriptions:

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8. ATTRIBUTE1 to ATTRIBUTE13: These fields are customizable and can store additional information as per business needs. For example, ATTRIBUTE2 seems to store a numerical value, ATTRIBUTE6 might be storing a unique identifier, ATTRIBUTE7 and ATTRIBUTE10 seem to store textual information.

Relationships or Business Logic:

The DOC_SEQUENCE_ID and DOC_SEQUENCE_VALUE are likely related, with the ID being a unique identifier and the VALUE being a corresponding value. The DOC_CATEGORY_CODE seems to categorize the type of invoice, which could affect business logic in terms of how different types of invoices are processed. The ATTRIBUTE fields are customizable, and their usage would depend on specific business logic and requirements. For example, ATTRIBUTE2, ATTRIBUTE6, ATTRIBUTE7, and ATTRIBUTE10 are populated in the sample data, suggesting they are used to store specific information.

AP.AP_INVOICES_ALL Table Documentation

The `AP.AP_INVOICES_ALL` table in the Oracle ERP system is designed to store all information related to invoices in the Accounts Payable module. This includes details about the invoice attributes, approval status, distribution total, posting status, prepayment flag, authorization, cancellation details, project accounting context, USSGL transaction codes, and expenditure details.

Column Descriptions

1. `ATTRIBUTE14` and `ATTRIBUTE15`: These columns are typically used for storing additional information about the invoice that does not fit into the other predefined columns. The specific use of these columns can vary depending on the organization's needs.

2. `ATTRIBUTE_CATEGORY`: This column is used to categorize the attributes of the invoice. The specific categories used can vary depending on the organization's needs.

3. `APPROVAL_STATUS`: This column indicates the approval status of the invoice.

4. `APPROVAL_DESCRIPTION`: This column provides a description or notes related to the approval status of the invoice.

5. `INVOICE_DISTRIBUTION_TOTAL`: This column represents the total amount of the invoice distribution.

6. `POSTING_STATUS`: This column indicates the posting status of the invoice.

7. `PREPAY_FLAG`: This column is a flag that indicates whether the invoice is a prepayment invoice.

8. `AUTHORIZED_BY`: This column records the name of the person who authorized the invoice.

9. `CANCELLED_DATE`: This column records the date when the invoice was cancelled.

10. `CANCELLED_BY`: This column records the name of the person who cancelled the invoice.

11. ``CANCELLED_AMOUNT``: This column represents the amount that was cancelled from the invoice.
12. ``TEMP_CANCELLED_AMOUNT``: This column represents a temporary cancelled amount from the invoice, which may be subject to change.
13. ``PROJECT_ACCOUNTING_CONTEXT``: This column provides context for the project accounting related to the invoice.
14. ``USSGL_TRANSACTION_CODE`` and ``USSGL_TRX_CODE_CONTEXT``: These columns are related to the United States Standard General Ledger (USSGL) transaction codes. The ``USSGL_TRANSACTION_CODE`` column records the code of the transaction, while the ``USSGL_TRX_CODE_CONTEXT`` provides context for the transaction code.
15. ``PROJECT_ID`` and ``TASK_ID``: These columns are used to link the invoice to a specific project or task within the organization.
16. ``EXPENDITURE_TYPE`` and ``EXPENDITURE_ITEM_DATE``: These columns are related to the expenditure of the invoice. The ``EXPENDITURE_TYPE`` column indicates the type of expenditure, while the ``EXPENDITURE_ITEM_DATE`` records the date of the expenditure item.

Relationships and Business Logic

The ``AP.AP_INVOICES_ALL`` table is likely to have relationships with other tables in the Oracle ERP system, such as tables related to projects, tasks, and general ledger transactions. The specific relationships and business logic would depend on the organization's business processes and how

they use the Oracle ERP system.

****Object Name:** AP.AP_INVOICES_ALL**

****Object Type:** Table/View**

****Business Purpose:**** The AP.AP_INVOICES_ALL table in the Oracle ERP system is used to store all the invoice related data. This table is primarily used in the Accounts Payable module for invoice processing, payment calculations, and withholding tax information. It also contains various attributes that can be used for custom purposes.

****Column Descriptions:****

1. ****PA_QUANTITY:**** This field is likely to store the quantity of the product or service associated with the invoice. The sample data does not provide any specific values.
2. ****EXPENDITURE_ORGANIZATION_ID:**** This field is likely to store the unique identifier of the organization where the expenditure occurred. The sample data does not provide any specific values.
3. ****PA_DEFAULT_DIST_CCID:**** This field is likely to store the default distribution cost center ID. The sample data does not provide any specific values.
4. ****VENDOR_PREPAY_AMOUNT:**** This field is likely to store the amount that has been pre-paid to the vendor. The sample data does not provide any specific values.
5. ****PAYMENT_AMOUNT_TOTAL:**** This field is likely to store the total amount of the payment

made for the invoice. The sample data does not provide any specific values.

6. ****AWT_FLAG:**** This field is likely to indicate whether Automatic Withholding Tax (AWT) is applicable or not. The sample data does not provide any specific values.

7. ****AWT_GROUP_ID:**** This field is likely to store the group ID related to Automatic Withholding Tax (AWT). The sample data does not provide any specific values.

8. ****REFERENCE_1 & REFERENCE_2:**** These fields are likely to store any additional reference information related to the invoice. The sample data does not provide any specific values.

9. ****ORG_ID:**** This field stores the unique identifier of the organization associated with the invoice.

10. ****PRE_WITHHOLDING_AMOUNT:**** This field is likely to store the amount that has been withheld prior to payment. The sample data does not provide any specific values.

11. ****GLOBAL_ATTRIBUTE_CATEGORY & GLOBAL_ATTRIBUTE1 to GLOBAL_ATTRIBUTE8:**** These fields are likely to store custom attributes related to the invoice. These can be used to store any additional information that does not fit into the other fields. The sample data does not provide any specific values.

****Relationships or Business Logic:**** The table seems to be related to other tables in the Accounts Payable module through fields like **ORG_ID**, **EXPENDITURE_ORGANIZATION_ID**, and **PA_DEFAULT_DIST_CCID**. The business logic can be inferred from fields like **VENDOR_PREPAY_AMOUNT**, **PAYMENT_AMOUNT_TOTAL**, and **PRE_WITHHOLDING_AMOUNT** which are used for calculating the total payment and withholding amounts. The **AWT_FLAG** and **AWT_GROUP_ID** fields suggest that the table also handles

Automatic Withholding Tax (AWT) calculations.

Object: AP.AP_INVOICES_ALL

The AP.AP_INVOICES_ALL table in the Oracle ERP system is used to store invoice data. This table is part of the Accounts Payable module and is crucial for managing and tracking all invoices in the system.

Columns:

1. GLOBAL_ATTRIBUTE9 to GLOBAL_ATTRIBUTE20: These are generic attribute fields that can be used to store additional information about the invoice that is not captured by the other fields. The specific use of these fields can vary depending on the business needs. In the provided sample data, these fields are not in use.

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7. MRC_EXCHANGE_RATE:

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9. MRC_EXCHANGE_DATE:

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Based on the provided sample data, it is not possible to infer any relationships or business logic. However, it is likely that this table would have relationships with other tables in the Accounts Payable module, such as vendor tables, payment tables, and tax tables.

****Object Name:** AP.AP_INVOICES_ALL**

****Object Type:** Table/View**

****Description:**** The AP.AP_INVOICES_ALL object is a table in an Oracle ERP system that stores information related to invoices. This table is crucial for managing and tracking all the invoices generated in the system. It contains details about the invoice approval status, amount due, validation, and other related information.

****Column Descriptions:****

1. `GL_DATE`: This field represents the General Ledger date associated with the invoice. It is the date when the invoice is recorded in the general ledger.

2. `AWARD_ID`: This field is likely to store the identifier of an award associated with the invoice, if any.

3. `PAID_ON_BEHALF_EMPLOYEE_ID`: This field appears to store the identifier of an employee on whose behalf the payment is made.

4. `AMT_DUE_CCARD_COMPANY`: This field represents the amount due to the credit card company.
5. `AMT_DUE_EMPLOYEE`: This field represents the amount due to the employee.
6. `APPROVAL_READY_FLAG`: This is a flag that indicates whether the invoice is ready for approval ('Y' for Yes, 'N' for No).
7. `APPROVAL_ITERATION`: This field likely represents the number of iterations the invoice has gone through the approval process.
8. `WFAPPROVAL_STATUS`: This field stores the status of the workflow approval for the invoice.
9. `REQUESTER_ID`: This field stores the identifier of the requester of the invoice.
10. `VALIDATION_REQUEST_ID`: This field stores the identifier of the validation request associated with the invoice.
11. `VALIDATED_TAX_AMOUNT`: This field represents the amount of tax validated for the invoice.
12. `QUICK_CREDIT`: This field is a flag that indicates whether the invoice has a quick credit ('Y' for Yes, 'N' for No).
13. `CREDITED_INVOICE_ID`: This field stores the identifier of the credited invoice, if any.
14. `DISTRIBUTION_SET_ID`: This field stores the identifier of the distribution set associated with

the invoice.

15. `APPLICATION_ID`: This field stores the identifier of the application where the invoice was generated.

16. `PRODUCT_TABLE`: This field likely stores information related to the product table associated with the invoice.

17. `REFERENCE_KEY1`, `REFERENCE_KEY2`, `REFERENCE_KEY3`, `REFERENCE_KEY4`: These fields are likely to store reference information related to the invoice. The exact nature of these references would depend on the business context.

****Inferred Relationships and Business Logic:****

The `APPROVAL_READY_FLAG` and `WFAPPROVAL_STATUS` fields suggest that there is a workflow process for invoice approval. The `APPROVAL_ITERATION` field may indicate the number of times an invoice has been sent for approval, suggesting a multi-stage approval process.

The `PAID_ON_BEHALF_EMPLOYEE_ID` and `REQUESTER_ID` fields suggest that the system supports scenarios where one employee can request or pay an invoice on behalf of another.

The `VALIDATION_REQUEST_ID` and `VALIDATED_TAX_AMOUNT` fields suggest that there is a separate process for validating the tax amount on an invoice.

The `CREDITED_INVOICE_ID` and `QUICK_CREDIT` fields suggest that the system supports crediting against invoices.

The `REFERENCE_KEY1`, `REFERENCE_KEY2`, `REFERENCE_KEY3`, `REFERENCE_KEY4` fields suggest that the invoice can be linked to other entities or events in the system, though the exact nature of these relationships would depend on the business context.

Object Name: AP.AP_INVOICES_ALL

The AP.AP_INVOICES_ALL object is a table in the Oracle ERP system that contains invoice data. This table is used to store all the information related to the invoices generated in the Accounts Payable (AP) module of the ERP system. The data stored in this table is crucial for financial reporting, tax calculation, and supplier payment processing.

Column Descriptions:

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11. SUPPLIER_TAX_EXCHANGE_RATE:

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12. TAX_INVOICE_RECORDING_DATE:

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13. TAX_INVOICE_INTERNAL_SEQ:

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14. LEGAL_ENTITY_ID:

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15. HISTORICAL_FLAG:

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16. FORCE_REVALIDATION_FLAG:

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17. BANK_CHARGE_BEARER:

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18. REMITTANCE_MESSAGE1, REMITTANCE_MESSAGE2, REMITTANCE_MESSAGE3: These fields store any messages related to the remittance of the invoice.

The relationships or business logic cannot be inferred from the provided data as most of the fields in the sample data are null or not applicable. However, it can be assumed that this table might be related to other tables in the AP module that store supplier, payment, and tax details.

****Object Name:** AP.AP_INVOICES_ALL**

****Object Type:** Table/View**

****Business Purpose:**** This table/view is used to store information related to invoice payments in the Oracle ERP system. It contains details about the payment method, the party involved, the amount, and other related information. This data is crucial for managing and tracking payments made to vendors or suppliers.

****Column Descriptions:****

1. `UNIQUE_REMITTANCE_IDENTIFIER`: This field is likely used to store a unique identifier for each remittance or payment. It appears to be null in the provided sample data.
2. `URI_CHECK_DIGIT`: This field might be used to store a check digit for the unique remittance identifier. It is also null in the sample data.
3. `SETTLEMENT_PRIORITY`: This field might be used to indicate the priority of the settlement of the invoice. The specific priority levels are not clear from the sample data.
4. `PAYMENT_REASON_CODE`: This field is likely used to store a code representing the reason for the payment. The specific codes are not clear from the sample data.
5. `PAYMENT_REASON_COMMENTS`: This field is likely used to store any comments or additional information about the reason for the payment.
6. `PAYMENT_METHOD_CODE`: This field stores the method of payment used for the invoice. Examples from the sample data include "Cash", "CHECK", "Bank_Transfer", and "EFT" (Electronic Funds Transfer).

7. `DELIVERY_CHANNEL_CODE`: This field might be used to store a code representing the channel through which the payment was delivered.

8. `QUICK_PO_HEADER_ID`: This field might be used to store an identifier for the purchase order associated with the invoice.

9. `NET_OF_RETAINAGE_FLAG`: This field might be used to indicate whether the payment amount is net of any retainage (a portion of the payment withheld until the work is fully completed and accepted).

10. `RELEASE_AMOUNT_NET_OF_TAX`: This field might be used to store the amount of the payment released, net of tax.

11. `CONTROL_AMOUNT`: This field might be used to store a control amount for the payment.

12. `PARTY_ID`: This field stores an identifier for the party (vendor or supplier) associated with the invoice.

13. `PARTY_SITE_ID`: This field stores an identifier for the site of the party associated with the invoice.

14. `PAY_PROC_TRXN_TYPE_CODE`: This field might be used to store a code representing the type of payment processing transaction.

15. `PAYMENT_FUNCTION`: This field might be used to store information about the function of the payment.

16. `CUST_REGISTRATION_CODE`: This field might be used to store a code representing the registration of the customer.

17. `CUST_REGISTRATION_NUMBER`: This field might be used to store the registration number of the customer.

18. `PORT_OF_ENTRY_CODE`: This field might be used to store a code representing the port of entry for the payment.

19. `EXTERNAL_BANK_ACCOUNT_ID`: This field stores an identifier for the external bank account used for the payment.

20. `VENDOR_CONTACT_ID`: This field stores an identifier for the contact person at the vendor's side.

****Inferred Relationships or Business Logic:****

- The `PARTY_ID` and `PARTY_SITE_ID` fields likely link to a table with more detailed information about the party (vendor or supplier).
- The `PAYMENT_METHOD_CODE` and `DELIVERY_CHANNEL_CODE` fields might link to tables with more detailed information about the payment methods and delivery channels.
- The `QUICK_PO_HEADER_ID` field likely links to a table with more detailed information about the purchase order.
- The `EXTERNAL_BANK_ACCOUNT_ID` and `VENDOR_CONTACT_ID` fields likely link to tables with more detailed information about the bank account and the vendor contact.
- The `NET_OF_RETAINAGE_FLAG` field might be used in calculations of the

`RELEASE_AMOUNT_NET_OF_TAX` and `CONTROL_AMOUNT` fields.

Object Name: AP.AP_INVOICES_ALL

The AP.AP_INVOICES_ALL table is a part of the Accounts Payable module in an Oracle ERP system. This table stores all the invoice related data. It is used to manage and track all the invoices generated by the organization. The table is crucial for financial reporting, auditing, and accounts payable operations.

Column Descriptions:

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3. EXCLUDE_FREIGHT_FROM_DISCOUNT:

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5. ORIGINAL_INVOICE_AMOUNT:

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7. REMIT_TO_SUPPLIER_NAME:

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8. REMIT_TO_SUPPLIER_ID:

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The sample data provided does not contain any specific values, so the exact usage and relationships of these fields could vary. The relationships between these fields and other tables in the database would depend on the specific implementation of the Oracle ERP system.