

# TECH TIP

## FILTERING UNIFIER REPORT DATA

## ORACLE PRIMAVERA UNIFIER

This Tech Tip will outline various methods for filtering reporting output data.

Filtering methods include:

- 1. During run time of an UDR
- 2. Modifying Data View SQL
- 3. In the RTF design template of a Custom Report
- 4. During run time of a Custom Report

#### 1. During run time of an UDR

This project-level UDR lists the Change Orders for a project. If an additional UDR requirement was to return records specific to a Vendor, the UDR set up needs to be modified. As UDRs are an user-mode module, this can be completed by the user without assistance of an Unifier administrator or any Data View SQL knowledge (unless the UDR uses a Data View as its data source which is covered in method 2).

	Change Orders Tech Tip											
Project Name: Hospital Manhattan Expansion Project Number: P-0023												
Project Number	Project Name	Record No.	Change Order #	Title	Vendor ID	Vendor Name	Amount					
P-0023	Hospital Manhattan Expansion	CON-000001-001		1 Change Order 1	ACMEGC	ACME General Contractors	987,413.00					
P-0023	Hospital Manhattan Expansion	CON-000001-002	:	2 CO-0002	ACMEGC	ACME General Contractors	10,000.00					
P-0023	Hospital Manhattan Expansion	CON-000002-002	:	2 CO2	CPM	CPM Consultants	0.00					
P-0023	Hospital Manhattan Expansion	CON-000002-001		1 CO1	СРМ	CPM Consultants	10,000.00					
Count: 4												

Locate the UDR from Reports > User-Defined within the shell's Navigation Pane. With the UDR selected, click on the row menu (Cog icon) and select Edit from the menu pulldown to open the Edit Report window.



The filter condition is set up in the Query tab. Multiple conditions can be added though be aware of the check box 'Show results matching any condition. (Instead of all)'. This determines whether the need is for any condition to be satisfied or all of them. In this example the single filter will be on Vendor. Click the Add button in the Query tab to open the Query Condition window.

General	Data Elements	Query	Layout	Shells	Permission	s	chedule
a Element	Label		Condition	Value	(S)	and/or	
Query Cond	lition - Google Chrome mo18.mlmprojectservice	es.com/bp/sys/re	port/design/qc/edit?_	uref=uuu7475662151	- [	X	
Data El Cor	ement:		Select Label:	w users to modify value(	s) during execution.		
			OK Cancel				
Add Add	Formula Modify	Remove			Show results matchi	ng any condi	tion. (Instead c



For Data Element (this identifies the filtering DE) click the Select button. This opens the Data Source window. Scroll down to locate the Vendor ID DE. Once selected click OK.

Data Source: Change Orders	;/	~
Column	Name 🔺	Туре
currencyrate	Rate in Project Currency	Double
ucoReasonPD	Reason	String
ucoReceivedClosedDA	Received and Closed Value	Double
uuu_record_last_update_date	Record Last Update Date	Timestamp
record_no	Record No.	String
ucoReviewDecisionDP	Review Decision	String
uconRevisedContctAmtCA	Revised Contract Amount	Double
ucoScheduleImpactDaysIA	Schedule Impact (Days)	Integer
ugenScopeOfWorkMTL4000	Scope of Work	String
send_date	Send Date	Timestamp
ugenStatePD	State/Province	String
status	Status	String
title	Title	String
ugenTodayDateDOP	Today	Timestamp
currencyid	Transaction Currency	String
uveVendorIDTB16	Vendor ID	String
uveVendorNameTB50	Vendor Name	String
uveWomanOwnedCB	Woman-owned Business	String
ugenZipCodeTXT16	Zip/Postal Code	String
1	OK Cancel	

The Label can be changed if needed. Change the Condition to 'equals' so the user needs to enter the correct Vendor ID at run time. The other options are 'contains', 'does not contain', 'does not equal', 'is empty' 'is not empty'. Values can be left blank. This would be if a default Vendor ID is set. The important setting is 'Allow users to modify value(s) during execution' checkbox. Leave this checked.

Click OK to return to the Query tab.

Data Element: Condition:	Change Orders / Vendor ID     Select       equals
Values:	Allow users to modify value(s) during execution.
	OK Cancel

The filter condition is included. Click OK to return to the User-Defined Reports Log window.

General	Data Elements	Query	Layout	Shells	Permission	Schedule
Query Condition:						
Data Element	Label		Condition	Valu	ie(s) a	nd/or
Change Orders / Ve	ndor ID Chang	e Orders / Vendor ID	equals		a	nd
Add Add	Formula Modify	Remove			Show results matching	any condition. (Instead of all)
						- , ,
		App	оју ОК	Cancel		



To run the UDR select Run from the Row Menu.

Change Orders Tech Tip
Run
Copy Run
Edit
Transfer Ownership
Delete

There is a new Report Query section in the Run window. Included is the query condition added. The user has the ability to add in an appropriate Vendor ID. Once entered, click the Run Report button. If the field is left blank all records are returned.

nange Orders Tech Tip					
Query and Format					
Report Format	PDF      XML				
Record count for UDR					
Select					
Time Zone					
(UTC-08:00) Pacific Time (US & Cana					
Report Query Parameters Change Orders / Vendor ID		Enter 4000 or fewer chara	.cters.		
equals	ACMEGC	×			
Report Location					
▶ Workspaces					
▶ Notes					
			Reset	Cancel	Run Report

The UDR output now shows only the Vendor-specific records.

Broject Name: He	Change Orders Tech Tip											
Project Number: P	-0023	ansion					02/01/2021					
Project Number	Project Name	Record No.	Change Order #	Title	Vendor ID	Vendor Name	Amount					
P-0023	Hospital Manhattan Expansion	CON-000001-001	1 Change Order 1		ACMEGC	ACME General Contractors	987,413.00					
P-0023	Hospital Manhattan Expansion	CON-000001-002	2 CO-0002		ACMEGC	ACME General Contractors	10,000.00					



#### 2. Modifying Data View SQL

In this example the Data View contains a simple SQL statement that references key fields from the Change Orders BP. The SQL statement includes the project\_id field which is a pre-requisite for shell-level Custom Reports. Aliases are used for each field to make it easier to identify the field. Example – 'AS Project\_No. 'The Data View result set lists all Change Order records.

In this example the SQL statement is modified so the rows returned will be specific to a Vendor.

The SQL includes a WHERE clause which joins the shell details table (us\_p) with the Change Orders table (ucox) by project\_id. This allows Project Number (ugenProjectNumber) and Project Name (ugenProjectNumber) to be included in the result set where these fields reside in the shell details table. In addition to joining tables where fields from different tables can be included, the WHERE clause can also include filtering conditions.

SELECT a.id,	
a.project_id,	
b.ugenProjectNumber	AS Project_No,
b.ugenProjectName	AS Project_Name,
a.record_no,	
a.ucoCONumberlA	AS ChangeOrder_No,
a.title,	
a.uveVendorIDTB16	AS Vendor_ID,
a.uveVendorNameTB50	AS Vendor_Name,
a.amount	
FROM unifier_ucox a, unifier_	_us_p b
WHERE a.project_id = b.pid	

This is the current output of the Data View.

project_id	project_no	project_name	record_no	change	title	sta	CO	CO	vendor_id	vendor_name	amount
1160	P-0023	Hospital Manhattan Expansion	CON-000002-002	2	CO2	Qu	C	98	CPM	CPM Consultants	0
1160	P-0023	Hospital Manhattan Expansion	CON-000002-001	1	CO1	Qu	C	98	CPM	CPM Consultants	10000
1160	P-0023	Hospital Manhattan Expansion	CON-000001-002	2	CO-0002	Qu	C	98	ACMEGC	ACME General Cont	10000
1160	P-0023	Hospital Manhattan Expansion	CON-000001-001	1	Change Orde	NT	C	98	ACMEGC	ACME General Conf	987413
1189	P-0049	XCEL Hardened FLEX Building	CON-000002-001	1	Existing Cond	NT	C	C	JME	JME Construction	3000
1188	P-0048	WCNO Post-Fukushima Modificat	CON-000001-001	2	Excavation of	NT	C	E)	STDPAV	Standard Paving and	6500
1186	P-0046	PFES 001	CON-000001-003	4	Potential Cha	Po	C	Co	JME	JME Construction	0
1186	P-0046	PFES 001	CON-000001-002	3	PC Create fro	Aw	C	Co	JME	JME Construction	0
1186	P-0046	PFES 001	CON-000001-001	2	PC auto frm S	NT	C	Co	JME	JME Construction	6000000
1143	P-0010	235300-01 Building Shell	CON-000001-001	1	Additional Site	Ap	C	AA	MECH	Mechanical Contract	0

A second line is added to the WHERE clause which will filter the result set to return records with the Vendor that has a Vendor ID of 'ACMEGC'.

WHERE a.project\_id = b.pid AND a. uveVendorIDTB16 = 'ACMEGC'



Open the Data View in Draft Mode and the additional line is added to the SQL statement. Click OK and publish the Data View.

User-Defined Data Vie	ews - Current View: All	Create a Data View	
27 Item(s)		Prefix:	unifier
Name 🔺	Label	Name:	CO Tech Tip
AP_Contract_Paymen	All Projects Contract w	Labels	
AP_Contract_Summar	All Project Contract Su	Label.	CO_lech_lip
AP_Cost_Sheet	All Projects Cost Sheet	Description:	
AP_Daily_Reports	All Project Daily Report		
CO_Tech_Tip	CO_Tech_Tip	001.0.5.1	aglest a id, a project id
Company_Name	Company	SQL Definition:	bugenProjectNumber as Project_No.
Contract_Summary	Contract Summary		b.ugenProjectName as Project_Name,
Contracts_Payment	Contract Summary with		a.ucoCONumberIA as ChangeOrder No.
Cost_Sheet	Cost Sheet		a.title.
DV_Lim_Test1	DV_Lim_Test1		a ugenContractRND contract_rec
Daily_Reports	Daily Reports		a.uconContractNumberTXT16 contract_no,
Design_Reviews	Design Reviews		uveVendorIDTB16 as Vendor ID, a uveVendorNameTB50 Vendor Name
Future_Tasks	Future Tasks		a.amount
Initial_Bud_Lines	Initial Budget Lines i		from unifier ucox a, unifier us p b
Initial_Budget_Pg	Initial_Budget_Pg		AND a uveVendorIDTB16 = 'ACMEGC'
Monthly_Updates	Monthly Updates		
Overdue_Tasks	Overdue Workflow Tasl		
Prev_Pay_App	Previous Payment App		
Prev_Pay_App_Owner	Previous Payment App		
Purchase_Orders	Purchase Orders		
Risk_Issue_Lines	Risk Issue Lines		
Risk_Issues	Risks & Issues		Apply OK
Ob all 12 de Monte	Ob all the barrows		

The data view result set now shows only Change Orders records associated with the Vendor ID 'ACMEGC'.

project_id	project_no	project_name	record_no	change	title	st	CO	cc vendor_id	vendor_name	amount
1160	P-0023	Hospital Manhattan Expansion	CON-000001-002	2	CO-0002	Q	С	98 ACMEGC	ACME General Con	10000
1160	P-0023	Hospital Manhattan Expansion	CON-000001-001	1	Change Orde	N	С	98 ACMEGC	ACME General Con	987413

Note - this Data View can be used in an UDR to return the same Vendor-specific records.

#### 3. In the RTF Design Template of a Custom Report

This method uses the same Data View within the Custom Report. The difference here is that the filter condition is set within the RTF design template.



Below is the XML generated from the Custom Report's Sample Data tab. These tag names are the aliases in the SQL statement. The VENDOR\_ID tag name will be used for filtering in the RTF.

📄 uuu_	28.xml 🔀
1	xml version="1.0" encoding="UTF-8"?
2	□ <data_ds></data_ds>
3	<uuu_p_reportbyf></uuu_p_reportbyf>
4	<uuu_p_timezonef></uuu_p_timezonef>
5	<uuu_p_diffminutesf>0</uuu_p_diffminutesf>
6	<uuu_p_sysytimezoneid></uuu_p_sysytimezoneid>
7	<uuu_p_searchconditionf></uuu_p_searchconditionf>
8	<uuu_p_urlf></uuu_p_urlf>
9	<uuu_p_sessionidf></uuu_p_sessionidf>
10	<uuu_p_companyregistryf></uuu_p_companyregistryf>
11	<uuu_p_localef></uuu_p_localef>
12	<uuu_p_datetimeformatf></uuu_p_datetimeformatf>
13	Ė <ds></ds>
14	<id>7</id>
15	<project_id>1160</project_id>
16	<project_no>p-0023</project_no>
17	<pre><project_name>Hospital Manhattan Expansion</project_name></pre>
18	<record_no>CON-000001-001</record_no>
19	<changeorder_no>1</changeorder_no>
20	<title>Change Order 1</title>
21	<pre><status>NTP_Acknowledged</status></pre>
22	<contract_rec>CON-000001</contract_rec>
23	<contract_no>9876-001</contract_no>
24	<vendor_id>ACMEGC</vendor_id>
25	<pre><vendor_name>ACME General Contractors</vendor_name></pre>
26	<amount>987413.0</amount>
27	-
28	E <ds></ds>
29	<id>8</id>
30	

The RTF design has a simple record looping method using the 'for-each' (placeholder F) and 'end for-each' (placeholder E) XML tags .

jn L	ayout	References	Mailings	Review	Vi	iew ACRO	OBAT	BI Publisher	Desig	n Layo	ut 🛛 🛛 Tell n	ne what you wa	ant to do.					
nplate nplate As ata	Sample XML	品 XML Schem	Table Wizard	Pivot Table	Chart	💷 Field 🔟 Table/Fori 🚰 Repeating	m J Group	Conditional	Format Region	🔁 PDF 🗟 HTML 🗽 Excel	Excel2000	t DOCX	Field Browser	Validate Tem S Check Acces Translation -	aplate 🏦 Export * sibility	G Options PHelp About		
8.		Load Data 共・・1・・		• 2 •		Inser	3 · ·		4⊪	∎• I • •	Preview	1.1.1.1	6∰•••	Tools	: 1 • • • 1 • • •	Options 8 · · · I	• #	9 • • • • • *
CHAN	IGE ORD	ERS TECH TIP																
Р	roject No		Project	t Name			Cha R	ange Order ecord No	со #	c	hange Orde	r Title		Vendor ID	Vend	or Name		Amount
FF	ROJNO	PROJECT_NA	AME			R	ECORE	D_NO	CO	TITLE			VI	ENDOR_ID	VENDOR_NAME			E
																т	otal:	\$0

The PDF preview lists all Change Order records for the selected sample shell.



CHANGE O	RDERS TECH TIP						
Project No	Project Name	Change Order Record No	со #	Change Order Title	Vendor ID	Vendor Name	Amount
P-0023	Hospital Manhattan Expansion	CON-000001-001	1	Change Order 1	ACMEGC	ACME General Contractors	\$987,413
P-0023	Hospital Manhattan Expansion	CON-000001-002	2	CO-0002	ACMEGC	ACME General Contractors	\$10,000
P-0023	Hospital Manhattan Expansion	CON-000002-001	1	CO1	CPM	CPM Consultants	\$10,000
P-0023	Hospital Manhattan Expansion	CON-000002-002	2	CO2	CPM	CPM Consultants	\$0
						Total:	\$1,007,413

The filter condition is set in the for-each tag (placeholder F).

Highlight the F placeholder in the 1<sup>st</sup> column data row cell. Either right click and select Properties from BI Publisher menu item or click Field Browser from the BI Publisher ribbon. The following filter code [VENDOR\_ID='ACMEGC'] is included directly after the DS record name. Only output DS records that have a Vendor ID 'ACMEGC'.



Click OK or Update depending on method used. The PDF preview now only shows records with a Vendor ID of 'ACMEGC'. The overall Total still shows the Total for all records. The Total placeholder XML tag must also be modified with the conditional filter.



1611084	71744	6 661611085974147 ×						
Q	1	1 / 1 🕨 🕘 🤇	+ 107% ▼	j I	0 🖓 🐨 💭 🖉	2		
CHANC	SE OR							
Proj N	ect o	Project Name	Change Order Record No	со #	Change Order Title	Vendor ID	Vendor Name	Amount
P-0	023	Hospital Manhattan Expansion	CON-000001-001	1	Change Order 1	ACMEGC	ACME General Contractors	\$987,413
P-0	023	Hospital Manhattan Expansion	CON-000001-002	2	CO-0002	ACMEGC	ACME General Contractors	\$10,000
							Total:	\$1,007,413

Highlight the Total placeholder and display the XML using the Field Browser method. Since the current XML is the total sum of all records the conditional code must be applied at the parent level. [../VENDOR\_ID='ACMEGC'] is included.

Field Browser			_		×
F	ind	~		Find Next	
Text		Code			
\$0		sum(AMOUNT</td <td>)?&gt;</td> <td></td> <td></td>	)?>		
Edit					,
sum(AMOUNT<mark [,_/VENE	DOR_ID='ACME	GC])?>			^
					$\sim$
Update Refr	esh Sh	ow All Clo	ose	Help	

The PDF preview now has the Total summing correctly. Total for records with the specific Vendor ID.

C	HANGE OF	RDERS TECH TIP						
	Project No	Project Name	Change Order Record No	со #	Change Order Title	Vendor ID	Vendor Name	Amount
	P-0023	Hospital Manhattan Expansion	CON-000001-001	1	Change Order 1	ACMEGC	ACME General Contractors	\$987,413
	P-0023	Hospital Manhattan Expansion	CON-000001-002	2	CO-0002	ACMEGC	ACME General Contractors	\$10,000
							Total:	\$997,413

#### 4. During run time of a Custom Report

The Custom Report has three Source Type options by which a query condition can be set up.

- 4.1. Data Definition
- 4.2. View
- 4.3. Ad Hoc

Click Add in the Custom Report's Query tab to open the Add Query window.



Element Name pulldown lists the available Data Elements from the Custom Report's Data View source. As with the previous filter methods, the Vendor ID will be the search criteria field.

The Operator pulldown has two options 'Like' and 'Equals'. 'Like' allows the user to enter a number of characters (pattern) to perform a pattern search against the selected Element Name. Only records where the pattern matches are returned. This example uses 'Equals' where the user must enter an exact match of the Element Name values. Selecting the 'Like' Operator would disable the Source Type. This becomes redundant as the user enters a character pattern rather than selecting from a list.

Each one of the Source Type pulldown options provides the user (at run time) with a list to select from.

General	Views	Query	Parameters	Template Fi	le
Elemer	ry - Google Chrome			- 0	×
l unifier	demo18.mlmprojects	ervices.com/bp/svs/b	ip/report/guery?mas	ster view=CO T	ec
Add Query					
	Elemen	t Name: VENDOR I	<b>~</b>	*	
		Label: Vendors		*	
	c	perator: Equals	~	*	
	Sour	ce Type: -Select-	~		
		-Select-			
		Data Definition	on		
		View			
		Adulas			
		Ad Hoc			
	A	dd OK	Cancel		
		7			
Add	Modify Remove	1			
			Apply OK	Cancel	

The Query tab supports multiple query conditions.

The following four sub sections outlines setting up each Source Type query condition.

#### 4.1 Data Definition

This option uses an existing Data Definition (pulldown type) as the data source. At run time the user selects from the Data definition list. A Vendors PD Data Definition has been created listing Vendors. The Value holds the Vendor ID for each row entry, and it is this column the records will be matched against. The Label values (Vendor Name) are what are displayed in the list. In working practice, the Data Definition would be in use (source for a Data Element) and therefore providing a valid entries.



	G	eneral	Data Set		
Basic Data Definitions - Current View	Data S	et Values: 5 I	tem(s)		
4 item(s)	Row	Value		Label	Status
Name 🔺	1	ACMEGC		ACME General Contractors	Active
Vendor Eval PD	2	CPM		CPM Consultants	Active
Vendor Type PD	-			ME Ocertmetice	Antica
Vendors PD	3	JIVIE		JIVE Construction	Active
Vendors PK	4	MECH		Mechanical Contractors	Active
	5	STDPAV		Standard Paving and Concrete, Inc.	Active

The Vendors PD is selected. Selection Type 'Single' or 'Multiple' allows the user to either select only one item in the pulldown list or select multiple. This example will use 'Single'. Click OK to return to the Query tab window.

Add Query	
Element Name:	VENDOR_ID    *
Label:	Vendors *
Operator:	Equals 🗸 *
Source Type:	Data Definition 🗸
Select Definition:	Vendors PD  *
Selection Type:	● Single O Multiple
Add	OK Cancel

The query condition with Data Definition source type is now set up.

General	Views		Query	Parameters	Template	File	Sa
Element Name	L	abel		Operator		Source T	ype
VENDOR_ID	١	Vendors	;	Equals		Data Def	inition

#### 4.2 View

This option allows a Data View to be used as the data source. At run time the user can select from the Data View result set. It is the most flexible of all options as the Data View SQL can be specific in what data is returned. In this example, the user will be only selecting from Vendors referenced in Change Order records.

Prefix: Name: Label:	unifier Vendors Vendors	unifierVen 5 Item(s)	dors log - Current View: All	Pag
Description:	DV for CO Tech Tip	vendor_id	✓ vendor_name	
		STDPAV	Standard Paving and Concrete, Inc.	
		MECH	Mechanical Contractors	
SQL Definition:	select distinct	JME	JME Construction	
	a.uveVendorIDTB16 AS Vendor_ID, a.uveVendorNameTB50 AS Vendor_Name	CPM	CPM Consultants	
	FROM unifier_ucox a	ACMEGC	ACME General Contractors	



Select the appropriate Data View from the Select View pulldown. The Data Definition option had the Value and Label columns by design. In this case each one is manually selected. Again 'Single' would be selected.

Add Query		
Element Name:	VENDOR_ID	✓ *
Label:	Vendors	*
Operator:	Equals	✓ *
Source Type:	View	•
Select View:	Vendors	*
Value Column:	VENDOR_ID	✓ *
Label Column:	VENDOR_NAME	✓ *
Selection Type:	Single      Multiple	
Add	OK Cancel	

The query condition with Data Definition source type is now set up.

General	Views	Query	Parameters	Template File
Element Name	Label		Operator	Source Type
VENDOR_ID Vendo		s	Equals	View

#### 4.3 Ad Hoc

This is the least flexible of all the options. The list is manually entered and generally would be the least used option. Click the Add button to open the Ad-Hoc window.

Add Query		
Element Name:	VENDOR_ID	<b>v</b> *
Label:	Vendors	*
Operator:	Equals	<b>∨</b> *
Source Type:	Ad Hoc	✓ Add
Selection Type:	Single ○ Multiple	
L		
Add	OK Cancel	

Add how many rows are required and enter the Value and Label entries. The window does not provide a re-order row feature so the entries must be entered in the correct order. Click OK when rows are completed.



Row	Value	Label	
0	ACMEGC	ACME General Contractors	
1	CPM	CPM Consultants	
2	JME	JME Construction	
3	MECH	Mechanical Contractors	
4	STDPAV	Standard Paving and Concre	
Ad	d Remove		
	ОК	Cancel	

The query condition with Data Definition source type is now set up.

General	Views	Query	Parameters	Template File
Element Name	me Label		Operator	
VENDOR_ID	Vendors	3	Equals	Ad Hoc

With the query condition in place, the Custom Report can be published and the report run from a shell. The Search Parameters section shows the Vendors query condition. Regardless of source type, the user will see the same pulldown list feature. If the Label 'ACME General Contractors' is selected, then the corresponding Value 'ACME' is matched against Change Order records referencing the same Vendor ID.

Document Manager	$\oplus$	CO Filtering Tech Tip			
Financial Transactions	$\oplus$				
Change Management	$\oplus$	A Tomplato and Format			
Financial Reporting	$\oplus$	Template *		Format	
Project Design	$\oplus$	v1.0	Ψ	PDF      Excel      RTF	
Submittal Manager	$\oplus$				
RFI Manager	$\oplus$	Search Parameters			
Drawing Management	$\oplus$	Vendors	Salact		
Schedule Manager	$\oplus$	equalo	Select		
Communication & Followup	$\oplus$	Additional Daramators	ACME General Contractors		
Ongoing Reporting	$\oplus$	Additional Farameters	CPM Consultants		
Project Closeout	$\oplus$		JME Construction		
Reports	Θ		Mechanical Contractors		
User-Defined			Standard Paving and Concrete, Inc.		
Audit					
Custom Reports	Θ				
CO Filtering Tech Tip					
	$\oplus \ominus$			Run Rep	port

In summary, this Tech Tip provided different options to filter Unifier report data. Options (2) 'Modifying Data View SQL' and (3) 'In the RTF design template of a Custom Report' are primarily for specific reports where the filtered records are the objective of the report. Options (1) 'Modifying Data View SQL' and (4) 'During run time of a Custom Report' provide more flexibility and used for more general reports where the record count is extensive and a number of query conditions can subset that data for specific data selections.

