

Variants_Create and Retrieve



Change History

Update the following table as necessary when this document is changed:

Date	Name	Change Description
8/31/06	Lesia Terry	Create
10/11/06		rename

Purpose

Use this procedure to create or retrieve a report variant.

Trigger

Perform this procedure when you have a report that is run on a regular basis (daily, monthly, or quarterly). Saving variants reduces keying.










Prerequisites

The transaction code for the report.

Transaction Code

Helpful Hints

The system may display three types of messages at various points in the process. The messages you see may differ from those shown on screen shots in this procedure. The types of messages and responses are shown below:

Message Type	Description
Error 	Example:  Make an entry in all required fields. Action: Fix the problem(s) and then click  (Enter) to proceed.
Warning 	Example:  Record valid from xx/xx/xxxx to 12/31/9999 delimited at end. Action: If an action is required, perform the action. Otherwise, click  (Enter) to proceed.
Confirmation  or 	Example:  Save your entries. Action: Perform the required action to proceed.

Procedure

Steps 1 - 7 are for *Creating a Variant*.

Steps 8 – 16 are for *Retrieving a Variant*.

1. Start the process by entering a report transaction code.



For this example, we are using **PC00_M99_CWTR** for the **Wage Type Reporter** report.

Wage Type Reporter

The screenshot displays the SAP Wage Type Reporter interface. At the top, there is a menu bar with 'Program', 'Edit', 'Goto', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is divided into several sections: 'Further selections', 'Search helps', and 'Org. structure'. The 'Selection' section contains fields for Personnel Number, Company Code (WA01), Personnel area (1110), Personnel subarea, Employee group, Employee subgroup, and Payroll area. The 'Payroll Period' section has radio buttons for 'Regular Payroll Run' (selected) and 'Off-Cycle Payroll Run'. Below this are fields for 'Payroll Area', 'Period Selection', and 'Comparison Parameter'. The 'Comparison Parameter' section has fields for 'Abs. Difference No.', 'Abs. Difference Amnt', 'Perc. Difference No.', and 'Perc. Difference Amnt'. At the bottom, there is a 'Payroll Interval' button and a status bar showing 'RP0 (1) (700)' and 'ssvaphrpr3e5 OVR'.



Input your report criteria by completing all the necessary fields.

2. Click (Enter) to validate the information.
3. Click (Save) to save the variant.

ABAP: Save as Variant

4. Click in the **Variant name** field and enter a specific name for your variant.



All end users that have access to print the same reports will have the ability to view your variants. Some agencies may want to use a naming schema to identify their variants (though it is not required).

5. Click in the **Meaning** field and enter a meaningful description of your variant.



Clicking in the **Protect variant** combo box will protect your variant from others making changes to it. Clicking in this box allows only the creator of the variant to make changes.

6. Click (Save) to save the variant.



If the same report is used for extracting different types of information, multiple variants can be created for the same report transaction code.

Wage Type Reporter

Period Selection: Other Period, Other Period
15 2006, 15 2006
07/16/2006 - 07/31/2006

Off-Cycle Payroll Run
 Special Run

Comparison Parameter

Abs. Difference No.		to		→
Abs. Difference Amnt		to		→
Perc. Difference No.		to		→
Perc. Difference Amnt		to		→

Payroll Interval

Period determination

In-View Payroll Periods
 For-View Payroll Periods

Other selections


Wage type: 2725 to

Archived Payroll Results
 Display recs with null values
Object selection

Output

SAP Listviewer - Layout
 ALV Grid Control - Layout
 Excel - Template PC File

Variant WT REPORTER saved | RP0 (1) (700) | ssvaphrpr3e5 | OVR

7. Click  (Execute) to generate the report.

This completes the steps for *Saving a Variant*.

Retrieving a Variant

8. Start the process by entering a report transaction code.



For this example, we are using **PC00_M99_CWTR** for the **Wage Type Reporter** report.

Title: Variants_ Create and Retrieve
Processes :
Sub-Processes :

HRMS Training Documents

The screenshot shows the SAP Wage Type Reporter dialog box. At the top, there is a menu bar with 'Program', 'Edit', 'Goto', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is divided into several sections:

- Further selections:** Includes 'Search helps' and 'Org. structure' buttons.
- Selection:** A list of fields with input boxes and arrows: Personnel Number, Company Code, Personnel area, Personnel subarea, Employee group, Employee subgroup, and Payroll area.
- Payroll Interval:** Fields for 'Payroll Interval' and 'Payroll type', with 'To' and 'to' fields and a right arrow button.
- Period determination:** Radio buttons for 'In-View Payroll Periods' (selected) and 'For-View Payroll Periods'.
- Other selections:** Fields for 'Wage type' and 'to', with a right arrow button. Checkboxes for 'Archived Payroll Results' and 'Display recs with null values'. An 'Object selection' button.
- Output:** A section for output format, with a selected option 'SAP Listviewer Layout'.

9. Click  (Get Variant) button.

Find Variant

The screenshot shows the SAP Find Variant dialog box. It has a title bar 'Find Variant' and a close button. The main area contains the following fields:

- Variant:** Input field with a right arrow button.
- Environment:** Input field with a right arrow button.
- Created by:** Input field containing 'LESAT' with a right arrow button.
- Changed by:** Input field with a right arrow button.
- Original language:** Input field with a right arrow button.

At the bottom left, there are two buttons: a green checkmark and a red 'X'.

State of Washington HRMS

File name: VARIANTS_CREATE_AND_RETRI
EVE.DOC
Reference Number:


Version: SME Approved Script
Last Modified: 10/11/2006 3:06:00 PM

SAP Parent
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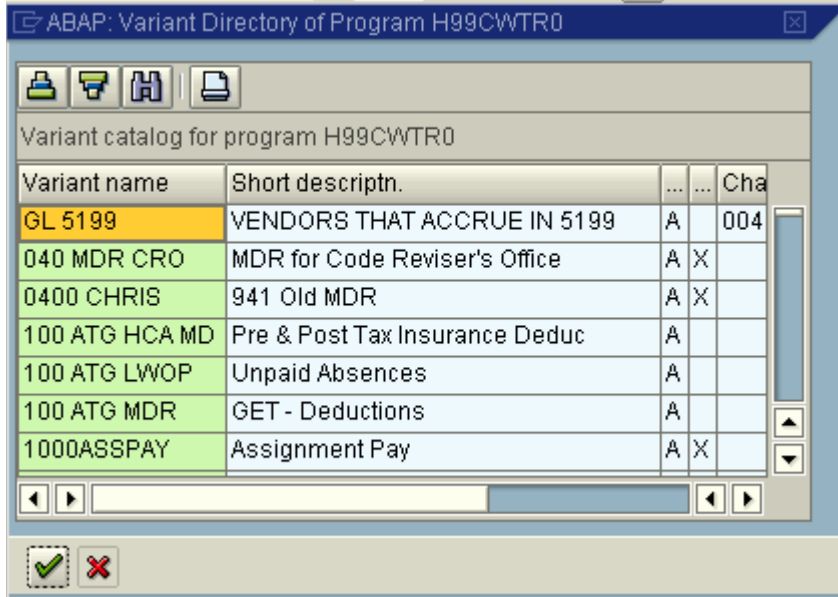


The **Created by** field will automatically be populated with your user id or personnel number. To see variants that only you have created, go to step 10.

To see all variants created for this report (state-wide), remove your user id or personnel number from the **Created by** field, go to step 10.

10. Click  (Execute) to generate the list of variants.

ABAP: Variant Directory of Program H99CWTR0




The screenshot shows a window titled "ABAP: Variant Directory of Program H99CWTR0". It contains a table with the following data:

Variant name	Short descriptn.	Cha
GL 5199	VENDORS THAT ACCRUE IN 5199	A		004
040 MDR CRO	MDR for Code Reviser's Office	A	X	
0400 CHRIS	941 Old MDR	A	X	
100 ATG HCA MD	Pre & Post Tax Insurance Deduc	A		
100 ATG LWOP	Unpaid Absences	A		
100 ATG MDR	GET - Deductions	A		
1000ASSPAY	Assignment Pay	A	X	



In this example the user id in the **Created by** field was *removed* prior to clicking on the execute button. The list of variants for this report includes those for all end users with the same security access state-wide.


11. Use the scroll bars to view the variants, click on the **Variant name** to select.
12. Click  (Copy) to accept.



Wage Type Reporter



It is possible for you to use another agency's variant. You will need to make sure and change the Personnel Area to your agency; otherwise you will not get any results. By using an existing variant you can save a new variant using your agency's specific information by giving it a new name. Follow steps 3-7 of this procedure to save the variant using your agency specific information.



Once you have **Retrieved a Variant** additional fields can be populated or cleared prior to executing the report. This will not change your variant. To keep the changes you have just entered to your existing variant, click on the  (Save) button and save over the existing variant.

13. Click  (Enter) to validate the information
14. Click  (Execute) to generate the report.
15. You have completed this transaction.

Result

You have completed creating and saving variants.