

# APL64 Developer Version: Autosave of Object Editor Content

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## Overview

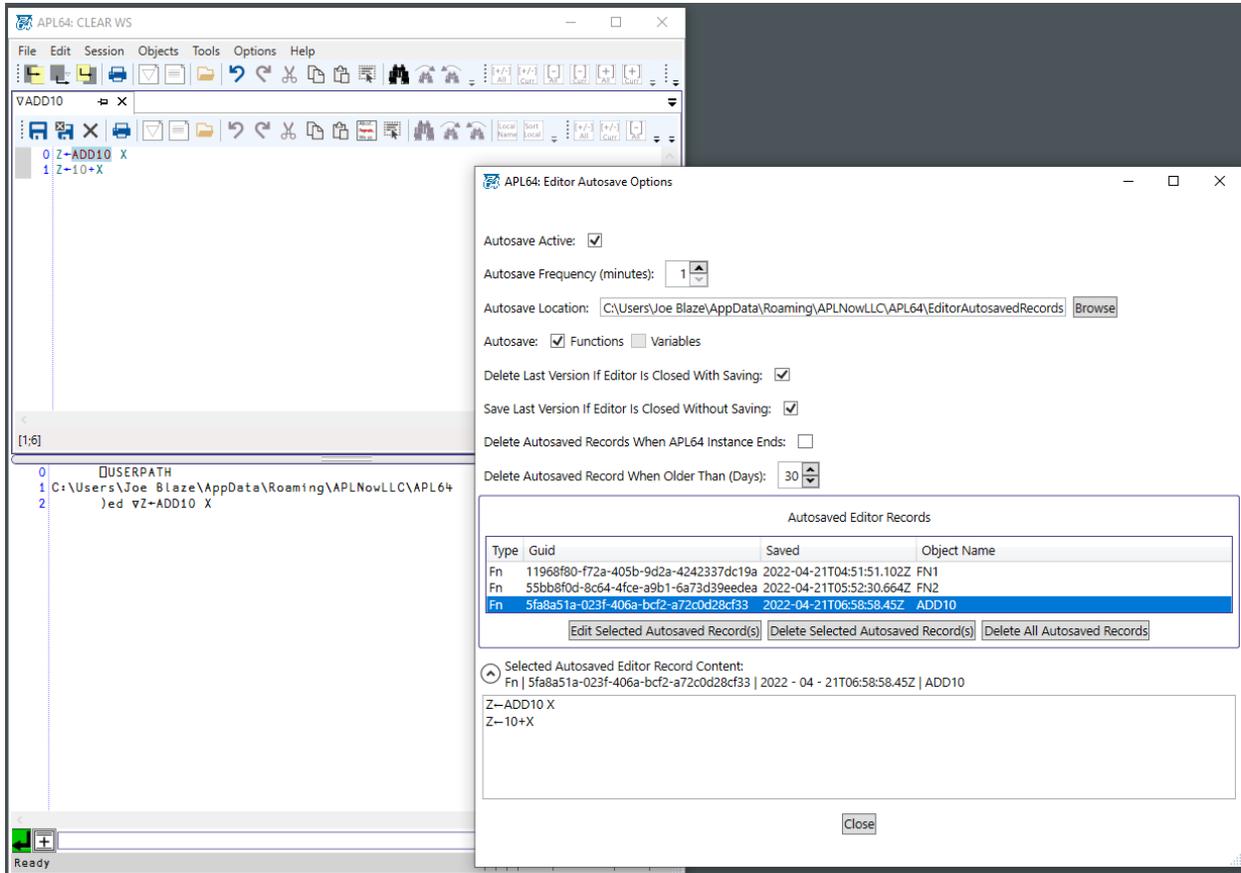
The Editor Autosave Options dialog provides user-selected options to automatically save object editor content during an APL64 Developer version instance. This feature may be useful if there is a system crash due to an unhandled software exception or a hardware or environment problem. Rather than ‘waiting’

for such a problem to occur and attempting to save object editor content using what may be an unstable system environment, periodic autosaving of editor content is more reliable.

When the content of an existing object editor is autosaved, the editor content is not modified and an autosave record is created at the user-specified location.

## Editor Autosave Options Dialog

This dialog may be accessed from an APL64 Developer version instance using the **Objects | Editor Autosave Options ...** menu item.



### Autosave Active

If checked, autosaving of active editor content will occur.

Each time autosave occurs, the prior version of the autosaved editor content will be replaced by the current editor content.

Autosave does not apply to JEDSS or EDSS editors.

Saving Autosave records does not apply to existing object editors created before Autosave becomes active.

Autosave-scheduled saving or deleting of Autosave records does not apply after Autosave becomes inactive.

The 'Edit Selected Autosaved Record(s)', 'Delete Selected Autosaved Record(s)' and 'Delete All Autosaved Records' actions are always available.

### Autosave Frequency (minutes)

The user-selected autosave frequency.

### Autosave Location

The default autosave location is the 'Editor Autosaved Records' folder at the userpath. A different folder, providing read/write access for the APL64 Developer version user's credentials, may be selected.

### Autosave Functions

If checked, function editor content will be autosaved.

### Autosave Variables

If checked, variable editor content will be autosaved.

### Delete Last Version If Editor Is Closed With Saving

If checked and Autosave is 'Active', the autosaved editor record will be deleted when the edited object is saved and the editor is closed.

### Save Last Version If Editor Is Closed Without Saving

If checked and Autosave is 'Active', an autosaved editor record will be created when the editor is closed without saving. If unchecked and Autosave is 'Active', the autosaved editor record will be deleted when the editor is closed without saving.

### Delete Autosaved Records When APL64 Instance Ends

If checked and Autosave is 'Active', the autosaved records will be deleted when the current APL64 developer version instance ends.

### Delete Autosaved Record When Older Than (Days)

Select the number of days after which an autosaved record will be deleted. Deletion will occur if Autosave is 'Active' and the autosaved record was created more than the specified number of days as of the UTC date and time when the current APL64 Developer instance ends.

### Autosaved Editor Records Datagrid

This is a list of existing autosaved object editor records at the user-specified Autosave location.

Multiple selections are supported for editing and deleting records. Double left click an autosaved editor record to open it in an editor. If the object name in the selected autosave record is the same as the object name of an existing object editor, the editor will not open unless the **Editors | Prevent Duplicate Objects | Duplicate Editors** is unchecked.

Select a record to view the record content without opening it in an editor.

## Autosaved Editor Records Datagrid Columns

Left click the column heading to sort the records. Hover over the column heading to view the column tooltip.

### Type

This column indicates if the autosaved editor record content is a function or variable.

### Guid

This column indicates the Guid associated with the autosaved editor record.

### Saved

This column illustrates the UTC time that the autosaved object record was created.

### Object Name

Name of function or variable when the editor autosave records was created.

## Edit Selected Autosaved Record(s)

Click to edit the autosaved editor record(s) selected in the list. If the object name in the selected autosave record is the same as the object name of an existing object editor, the editor will not open unless the **Editors | Prevent Duplicate Objects | Duplicate Editors** is unchecked.

## Delete Selected Autosaved Record(s)

Click to permanently delete the autosaved editor record(s) selected in the list.

## Delete All Autosaved Records

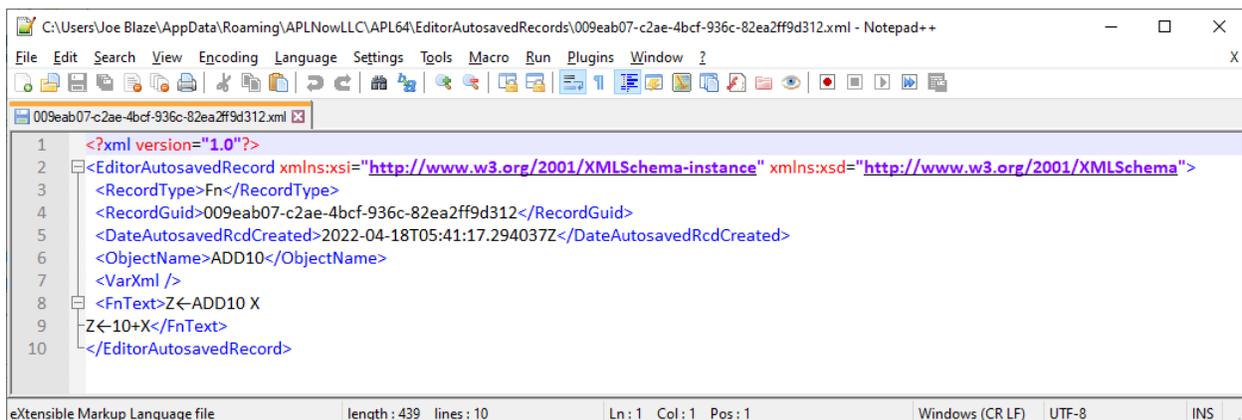
Click to delete all autosaved editor records listed in the autosaved editor records datagrid.

## Selected Autosaved Editor Record Content

This section of the dialog illustrates the content of the currently-selected autosaved editor record in the autosaved editor records datagrid. Using this dialog section is an alternative to opening the autosaved editor record in a new editor. The text may be selected and copied to the Windows Clipboard.

## Autosave Object Editor Record

Each editor autosaved record is contained in a separate file. A Guid is used as the name of editor autosave record file, because of the possibility of duplicate object names or duplicate editors for the same object. The autosave record file content is in xml-format.



```
1 <?xml version="1.0"?>
2 <EditorAutosavedRecord xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
3   <RecordType>Fn</RecordType>
4   <RecordGuid>009eab07-c2ae-4bcf-936c-82ea2ff9d312</RecordGuid>
5   <DateAutosavedRcdCreated>2022-04-18T05:41:17.294037Z</DateAutosavedRcdCreated>
6   <ObjectName>ADD10</ObjectName>
7   <VarXml />
8   <FnText>Z<-ADD10 X
9   Z<-10+X</FnText>
10 </EditorAutosavedRecord>
```

## Autosaved Editor Records Info When APL64 Developer Version Starts

When an APL64 Developer version instance is started and there are existing autosaved editor records, a message box will be presented indicating this information.

