

Advantage™ VISION:Builder® **Advantage™ VISION:Two™** **for z/OS**

Release Summary

r15



Computer Associates®

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New Features

This chapter describes the new features of Advantage™ VISION:Builder® and Advantage™ VISION:Two™ r15 for z/OS (hereinafter referred to as Advantage VISION:Builder).

New features include the following:

- New field types
- User-defined HTML title bar
- Long temporary or array field names
- Built-in SIZE function for varchar fields

For more information about each new feature, see the [Advantage VISION:Builder for z/OS Specifications Guide](#) and the [Advantage VISION:Builder for z/OS ASL Reference Guide](#).

New Field Types

The following new field types have been added to the list of field types supported by Advantage VISION:Builder:

- Type G - unsigned fixed point binary
- Type Q - unsigned packed decimal
- Type 2 - variable length character string with 2-byte length prefix
- Type 1 - variable length character string with 1-byte null terminator

The following table lists the new field types and the range of field lengths allowed.

New Type	Range
G	1-4, or 8 bytes (unsigned values ranging from 0 to 18,446,744,073,709,551,615)
Q	1-15 bytes (up to 30 digits, no sign)
2	1-32767 bytes (not including the 2-byte prefix)
1	1-32767 bytes (not including the 1-byte null terminator)

User-Defined HTML Title Bar

You can now specify the title bar that appears on the browser title bar of Advantage VISION:Builder by using the HTML report method. The title is specified on the TITLE (ASL syntax) or Tn (fixed-column syntax) statements by preceding the title text with one of the following prefixes:

- HTML:
- HTMLTITLE:
- HTMLTITLEBAR:

Long Names for Temporary or Array Fields

In addition to the base 8-character field name, you can now define long names (up to 30 characters) for temporary fields or array fields. You can define long temporary field names using the ASL syntax FIELD statement and then use it in other ASL statements that reference temporary fields. You can define long array field names using the new BX fixed-column syntax statement in an array definition and then use it in other ASL statements that reference array fields.

SIZE Function for Varchar Fields

You can use the built-in SIZE function in ASL syntax statements to return the current size (number of significant characters) for a varchar field (types 1, 2, 4, or V).

Changes to Existing Features

This chapter documents changes made to existing features for Advantage VISION:Builder r15. Unless otherwise noted, the changed features apply to Advantage VISION:Builder and Advantage VISION:Two.

Changed features include the following:

- Extended field lengths
- Full varchar field updating (Advantage VISION:Builder only)
- Suppressing Trailing Blank Truncation

For more information about each changed feature, see the [Advantage VISION:Builder for z/OS Specifications Guide](#) and the [Advantage VISION:Builder for z/OS ASL Reference Guide](#).

Extended Field Lengths

The maximum field length range for four field types has been enhanced as follows:

Type	Old Length Range	New Length Range
C	1-255 bytes	1-32767 bytes
E	4 bytes only	4 or 8 bytes
F	1-4 bytes	1-4 or 8 bytes
V, 4	1-9900 bytes (not including the 4-byte prefix)	1-32767 bytes (not including the 4-byte prefix)

Note: Field type 4 is a new alternate specification, synonymous with field type V.

Full Varchar Field Updating

Note: This feature applies to Advantage VISION:Builder only.

Advantage VISION:Builder r15 now supports the updating of varchar fields in DB2 and IMS databases if you specify MOSAIC processing when the logical database structure includes more than one segment or table.

Suppressing Trailing Blank Truncation

Advantage VISION:Builder r15 now supports replace and concatenate operations that do not truncate any trailing blanks on the fields participating in the operation.

For the ASL syntax, the NOTRIM keyword on the LET or COMBINE commands suppresses the truncation of any trailing blanks. For the fixed-column syntax, when the truncation of trailing blanks is to be suppressed you can use the new operators RX and CX on PR statements in place of the existing R and Cn operators.