

Informix Dynamic Server

Full Table Sizing Worksheet

Dbospace size (KB)	Usable page space (bytes)	Dbospace size (KB)	Usable page space (bytes)
2	2020	10	10212
4	4068	12	12260
6	6116	14	14308
8	8164	16	16356

101) initial number of rows = _____

102) number of growth rows = _____

103) total row length = _____
(length of row + 4 bytes)

104) number of rows to data page = _____
(usable_page_space / #103) – round down, maximum value 255

IF #104 >= 1 then use the Simple Table Sizing Worksheet

Otherwise:

To calculate the initial extent size

105) remainder size = _____
(#103 – (usable_page_size + 8))

If #105 > (usable_page_size – 4) then

106) number of full remainder pages = _____
(#101 * (#105 / (usable_page_size – 8))) round down

end if

107) remainder ratio = _____
((#103 mod (usable_page_size – 8)) + 4) / usable_page_size

case

#107 < .1

108) partial remainder pages = $\frac{\#101}{((\text{usable_page_size} / 10) / \#105) + 1}$ round down

#107 < .33

108) partial remainder pages = $\frac{\#101}{((\text{usable_page_size} / 3) / \#105) + 1}$ round down

#107 >= .33

108) partial remainder pages = $\frac{\#101}{\#101}$

end case

Initial Extent_Size = $\frac{\#101 + \#106 + \#108}{\#101 + \#106 + \#108} * \text{dbspace_page_size}$

To calculate the next extent size:

If #105 > (usable_page_size - 4) then

109) number of full remainder pages = $\frac{\#102 * (\#105 / (\text{usable_page_size} - 8))}{\#102 * (\#105 / (\text{usable_page_size} - 8))}$ round down

end if

Case

#107 < .1

110) partial remainder pages = $\frac{\#102}{((\text{usable_page_size} / 10) / \#105) + 1}$ round down

#107 < .33

110) partial remainder pages = $\frac{\#102}{((\text{usable_page_size} / 3) / \#105) + 1}$ round down

#107 >= .33

110) partial remainder pages = $\frac{\#102}{\#102}$

end case

Next Extent_Size = $\frac{((\#102 + \#109 + \#110) * \text{dbspace_page_size})}{7}$