

# Knowledge Base



## Abaqus/CAE plug-in for defining bolts, nuts and washers and placing them into an existing Abaqus/CAE model

**Portfolio / Domain:** SIMULIA Abaqus Unified FEA / SIMULIA Abaqus Unified FEA  
**Product:** SIMULIA Abaqus/CAE

Information

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QUESTION

Is it possible to create bolts, nuts and washers automatically in Abaqus/CAE?

ANSWER

(The following applies to Abaqus 6.12 and higher)

An Abaqus/CAE plug-in application for this purpose is attached below. Please refer to the attached document for more installation and usage details.

Revision history:

10 Aug 2012	Release for Abaqus/CAE 6.13
18 April 2014	Release for Abaqus/CAE 6.14 and up
19 Mar 2020	Release for Abaqus/CAE 2020 and up. Use numpy instead of oldnumeric module

**Disclaimer**

The attachments on this article are subject to certain usage conditions. Please [click here](#) for details.

KEYWORDS

plug-in, plugin, customization, 4999

ATTACHMENT

Bolt\_Studio\_Manual.pdf

boltStudio.zip

boltStudio\_613.zip

boltStudio\_2020.zip

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