

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

QA Article: QA00000023034e
Applicable Level: 6.1 (6.1)
Last Update Date: 19.09.2020
Rating: 4.5
Views: 102

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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