

CAD CATIA v5
 CATIA v5 UG
 Parasolid Import Parasolid
 UG
 CAE RecurDyn
 RecurDyn UG
 RecurDyn Parasolid

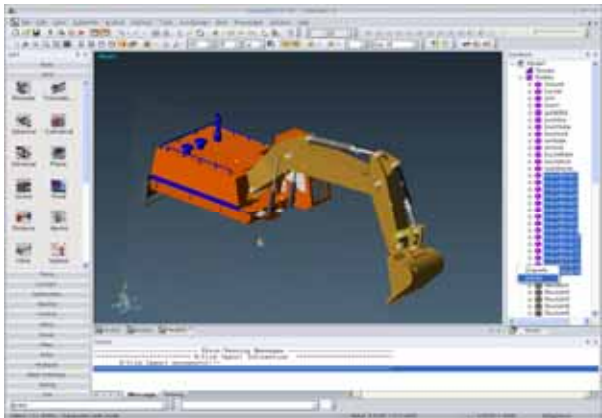
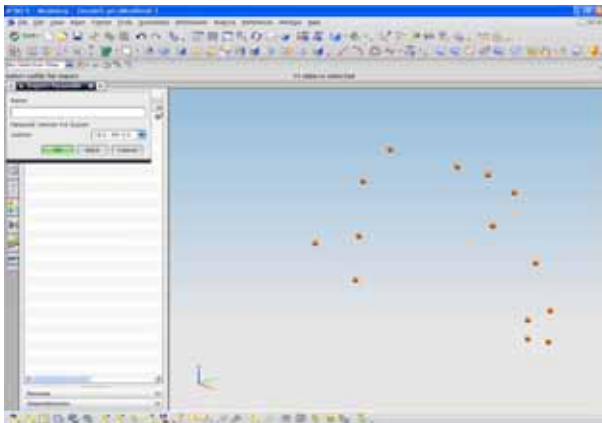


Fig. 3 Creation of sphere in UG to give motion data easily in RecurDyn

3. CAE

RecurDyn UG
 RecurDyn
 RecurDyn UG
 RecurDyn
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 UG RecurDyn
 RecurDyn Parasolid RecurDyn
 RecurDyn
 CAD RecurDyn RecurDyn Import
 RecurDyn history

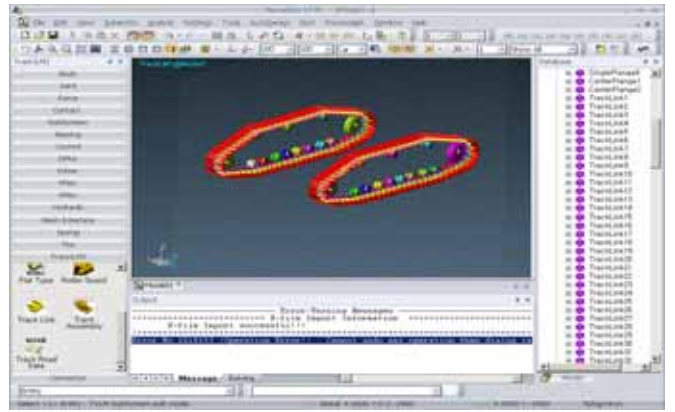


Fig. 4 Track modeling in RecurDyn

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4.

CAD CAE
 Fig. 5
 2, 3 API[1] CAE
 API[2] CAD wrapper CAD CAE

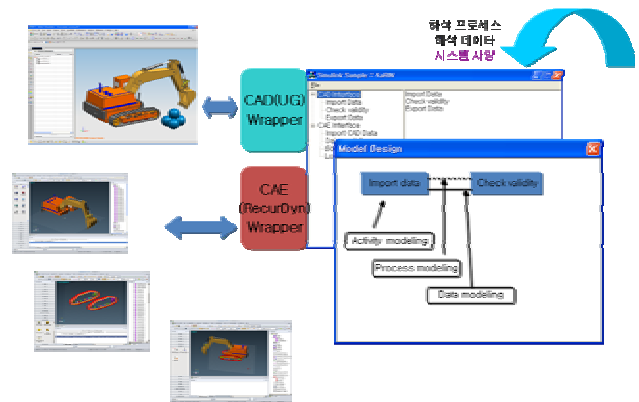


Fig. 5 Framework integrating CAD and CAE system

5.

Fig. 5 가
 2, 3 CAD , CAE

1. UGS, UG Help – UG Open, 2008.
2. Function Bay, RecurDyn Help – ProcessNet, 2008