

# Presentation Modeling Part III:

Using Autodesk Inventor  
Level: Introduction

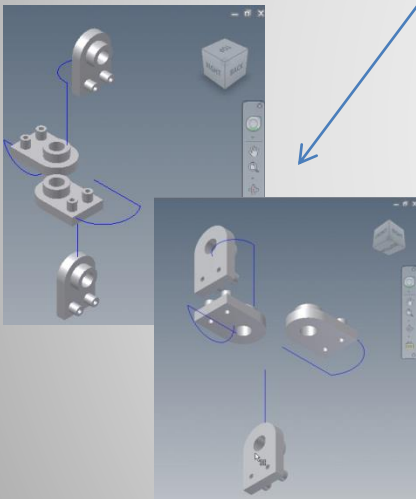
Sequence

Group

Tasks

Camera

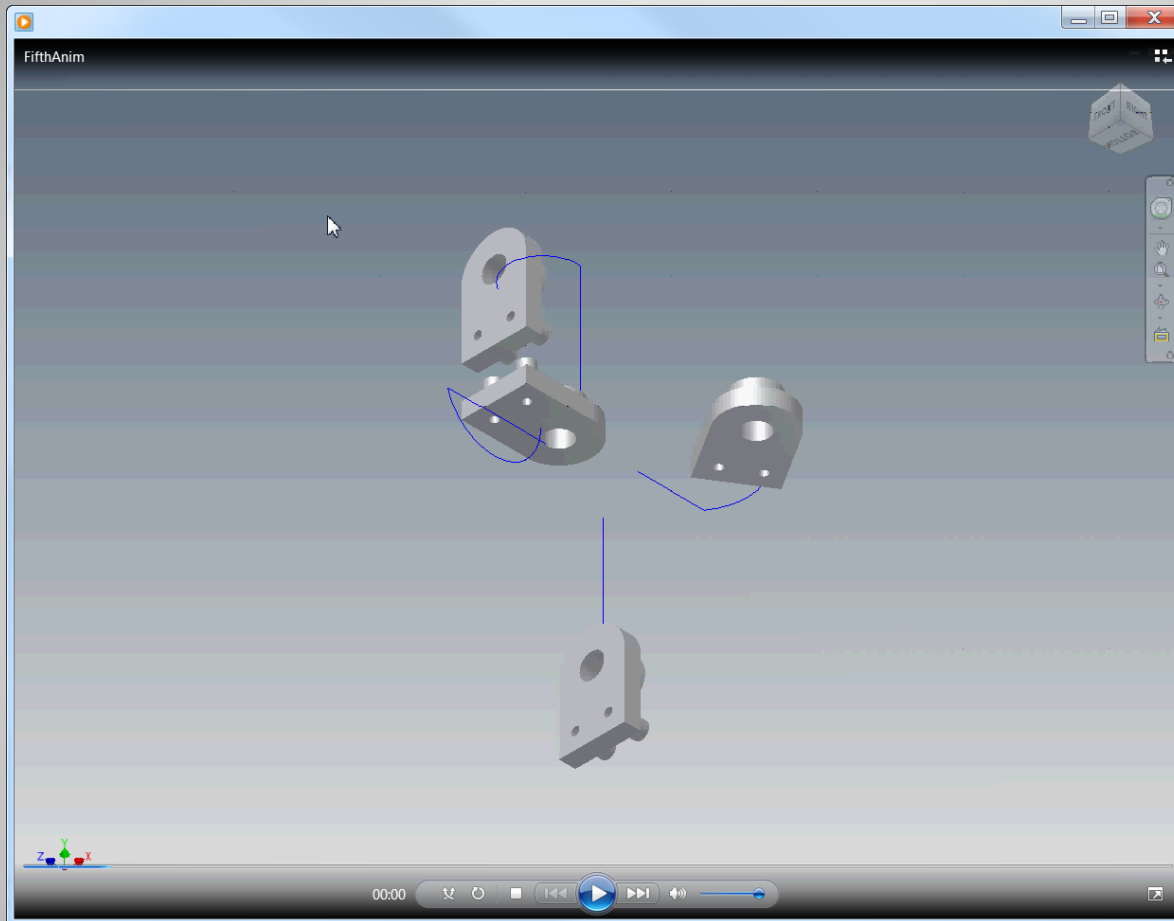
- Tweak Sequence
- Tweak Groups
- Tasks / Cameras



1	FirstDemo:1	Tweak (-180.00 deg )
2	FirstDemo:1	Tweak (3.000 in )
3	FirstDemo:2	Tweak (-180.00 deg )
4	FirstDemo:2	Tweak (3.500 in )
5	FirstDemo:3	Tweak (-180.00 deg )
6	FirstDemo:3	Tweak (3.500 in )
7	FirstDemo:4	Tweak (-180.00 deg )
8	FirstDemo:4	Tweak (3.000 in )

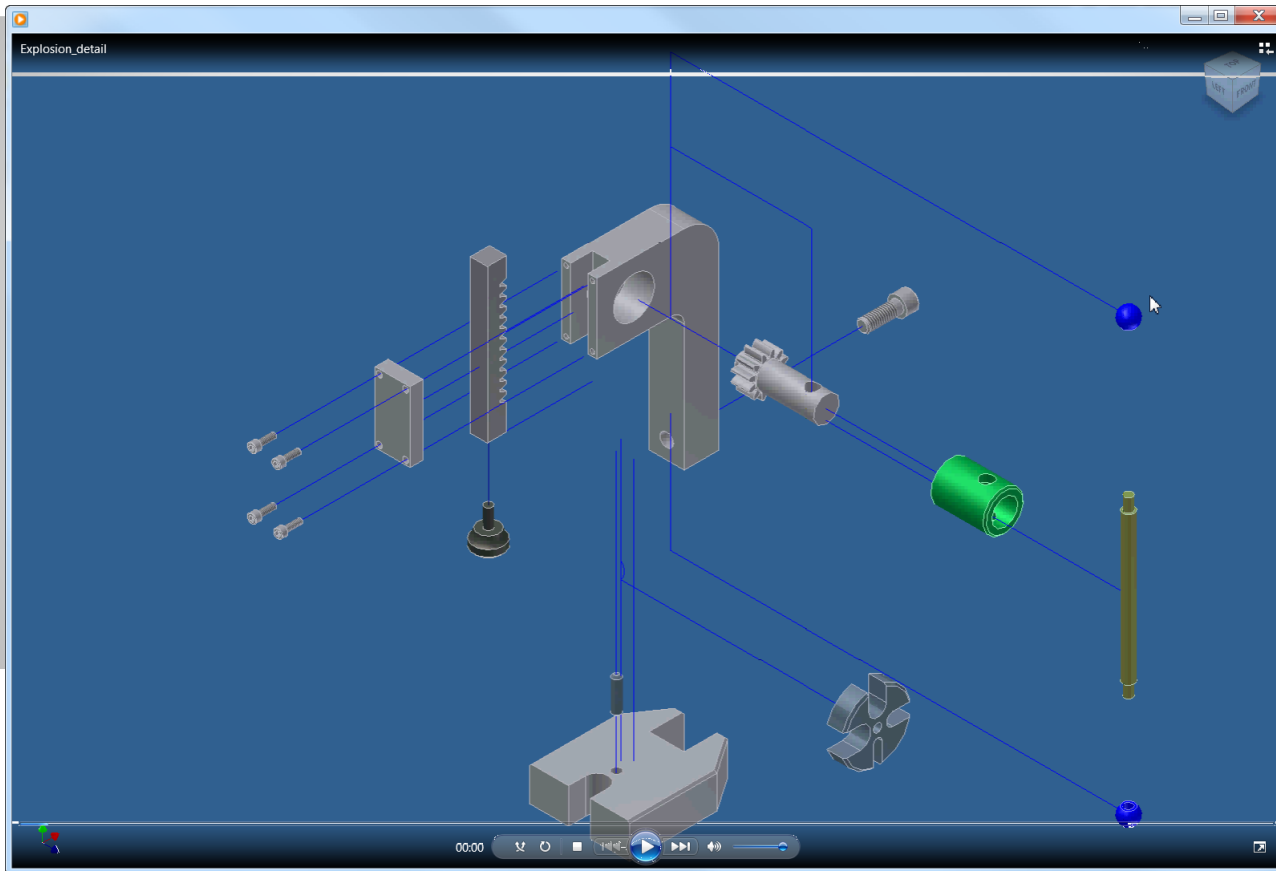
Animation Sequence		
Sequence	Component	Tweak Value
1	FirstDemo:1	Tweak (-180.00 deg )
1	FirstDemo:1	Tweak (3.000 in )
2	FirstDemo:2	Tweak (-180.00 deg )
2	FirstDemo:2	Tweak (3.500 in )
3	FirstDemo:3	Tweak (-180.00 deg )
3	FirstDemo:3	Tweak (3.500 in )
4	FirstDemo:4	Tweak (-180.00 deg )
4	FirstDemo:4	Tweak (3.000 in )

# 0. INTRODUCTION



Linked to animation

**a. The result**



Linked to animation

## b. Application / Example



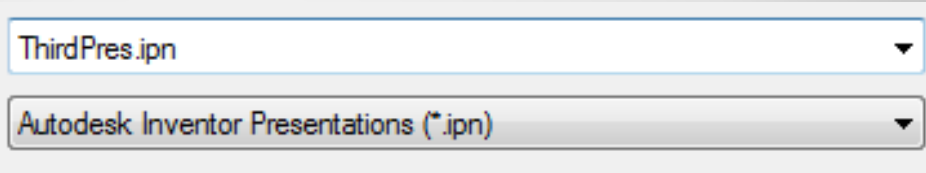
Continues Presentations Intro

# **1. INITIALIZE**

- Open Previous file:
  - File name: SecondPres.ipn

## Save-As:

- File name:
- Save as type:



The image shows a screenshot of a 'Save-As' dialog box. It features two dropdown menus. The first dropdown menu is for the file name, with 'ThirdPres.ipn' selected. The second dropdown menu is for the file type, with 'Autodesk Inventor Presentations (\*.ipn)' selected. The dialog box has a light gray background and a white border.

## a. Save - As

## 2. TWEAK SEQUENCE

☑ Presentation

Presentation

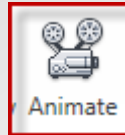
Tools

View

Vault

Get Started

☑ Animate



☑ More <<

✓ Pick: Component

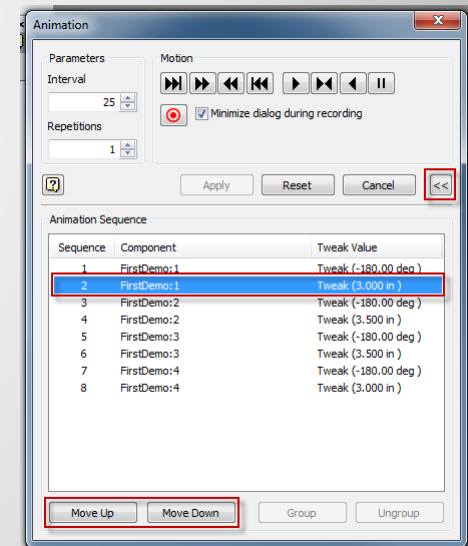


✓ Move Up (Down)



✓ Repeat

1	FirstDemo:1	Tweak (-180.00 deg )
2	FirstDemo:1	Tweak (3.000 in )
3	FirstDemo:2	Tweak (-180.00 deg )
4	FirstDemo:2	Tweak (3.500 in )
5	FirstDemo:3	Tweak (-180.00 deg )
6	FirstDemo:3	Tweak (3.500 in )
7	FirstDemo:4	Tweak (-180.00 deg )
8	FirstDemo:4	Tweak (3.000 in )



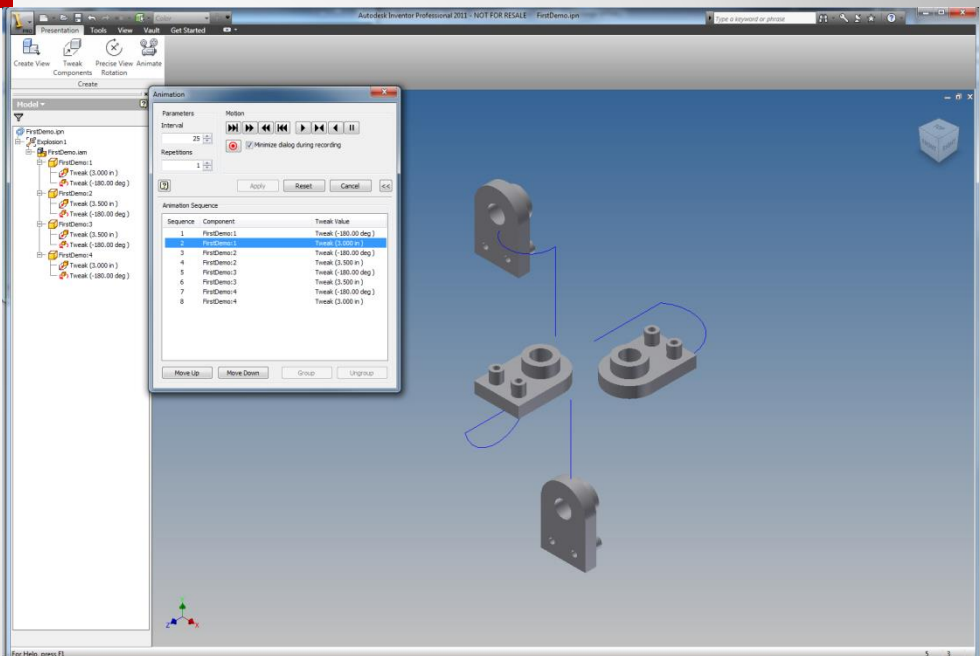
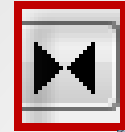
## a. Change Sequencing



# ☑ Presentation

✓ Animate

✓ Auto Reverse



## b. Playing the animation

# 3. TWEAK GROUPS

☑ Presentation

Presentation

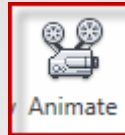
Tools

View

Vault

Get Started

☑ Animate



☑ More <<

✓ Pick: Components

4	FirstDemo:4	Tweak (-180.00 deg)
5	FirstDemo:4	Tweak (3.000 in)

✓ Group Group

✓ Repeat

Animation

Parameters

Interval: 25

Repetitions: 1

Motion

Minimize dialog during recording

Apply Reset Cancel <<

Animation Sequence

Sequence	Component	Tweak Value
1	FirstDemo:1	Tweak (-180.00 deg)
1	FirstDemo:1	Tweak (3.000 in)
2	FirstDemo:2	Tweak (-180.00 deg)
2	FirstDemo:2	Tweak (3.500 in)
3	FirstDemo:3	Tweak (-180.00 deg)
3	FirstDemo:3	Tweak (3.500 in)
4	FirstDemo:4	Tweak (-180.00 deg)
5	FirstDemo:4	Tweak (3.000 in)

Move Up Move Down Group Ungroup

Animation Sequence

Sequence	Component	Tweak Value
1	FirstDemo:1	Tweak (-180.00 deg)
1	FirstDemo:1	Tweak (3.000 in)
2	FirstDemo:2	Tweak (-180.00 deg)
2	FirstDemo:2	Tweak (3.500 in)
3	FirstDemo:3	Tweak (-180.00 deg)
3	FirstDemo:3	Tweak (3.500 in)
4	FirstDemo:4	Tweak (-180.00 deg)
4	FirstDemo:4	Tweak (3.000 in)

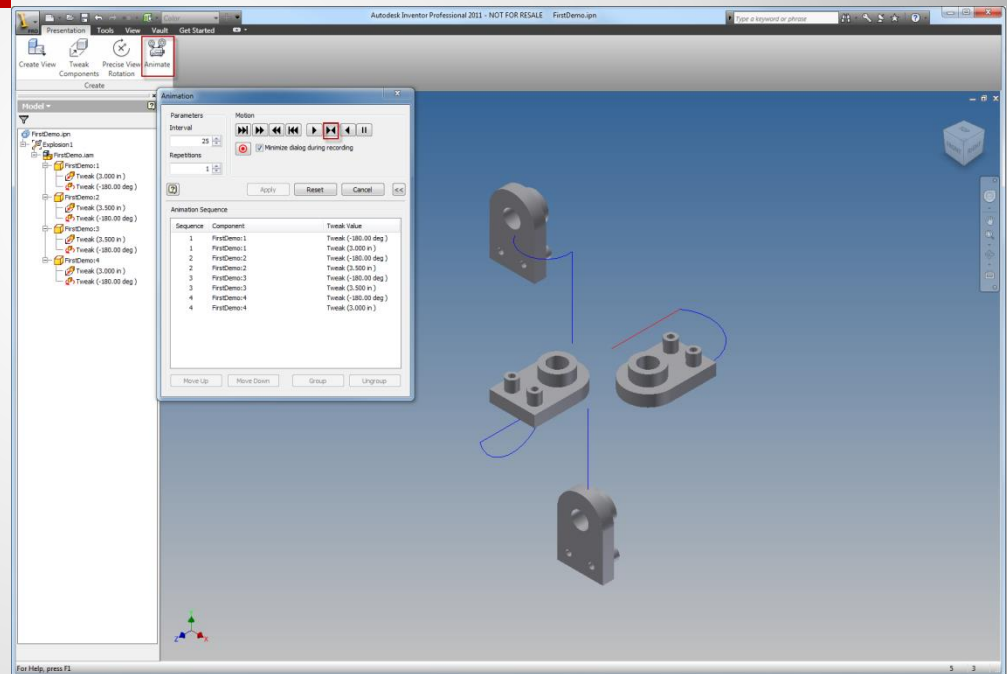
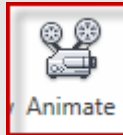
# a. Groups

# ☑ Presentation

✓ Animate

✓ Auto Reverse

Presentation Tools View Vault Get Started

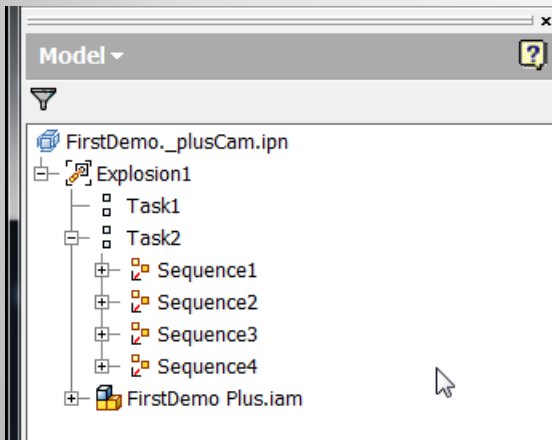
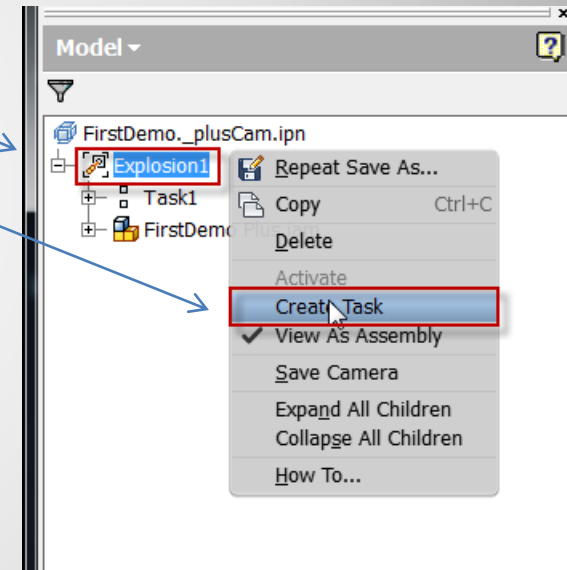
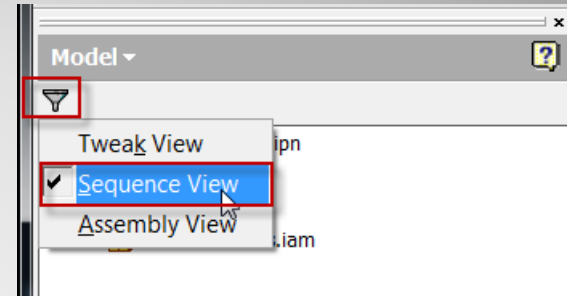


## b. Playing the animation



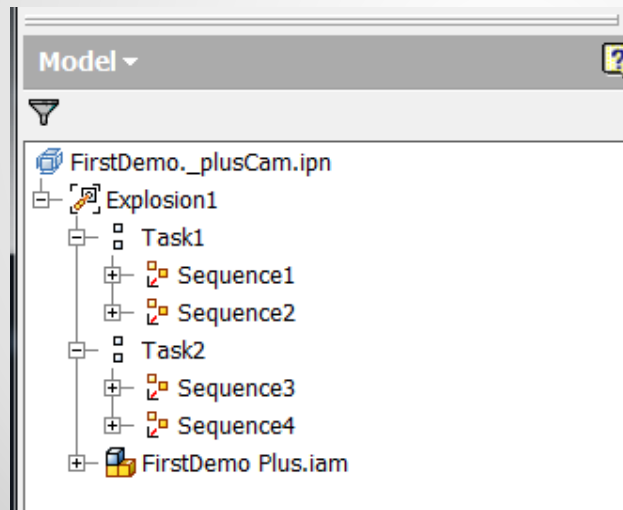
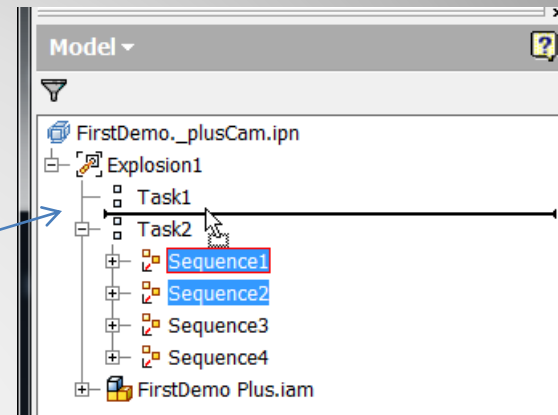
# 4. TASKS AND CAMERAS

- Browser Filter
  - Sequence View
- Explosion 1
  - Create Task
- Resulting



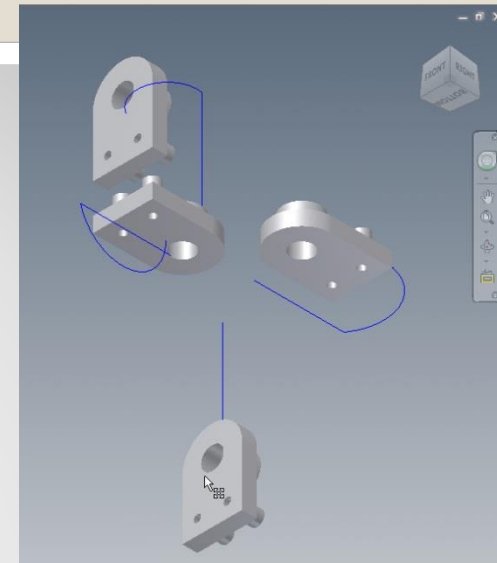
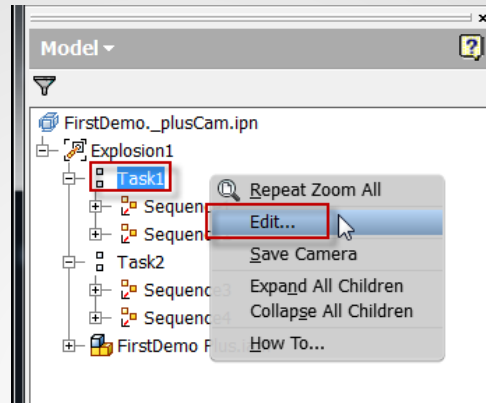
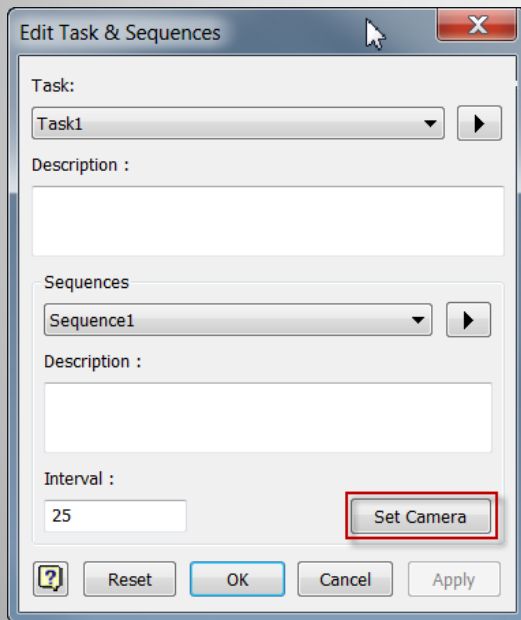
# a. Sequence View | Create Task

- Select <LMB>
  - Sequence1
  - Sequence2
- Drag
  - To Task1
- Result



## b. Move Sequences

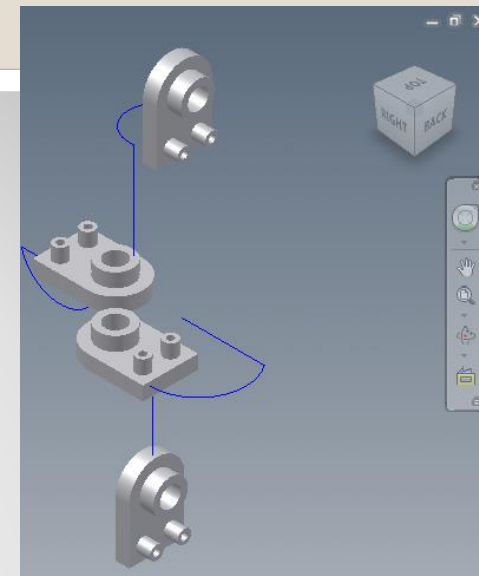
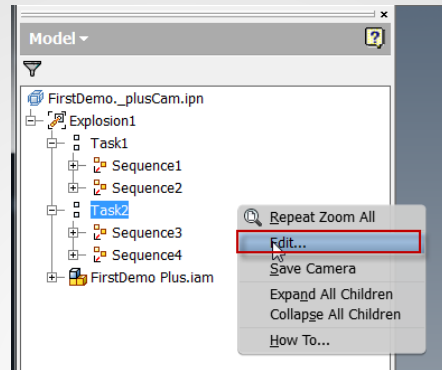
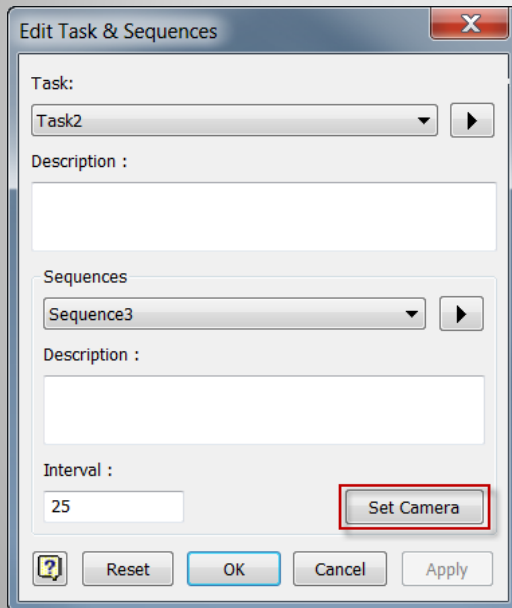
- View
- Task1
  - Edit
- Set Camera



## c. Task 1: View and Camera



- View
- Task 2
  - Edit
- Set Camera



## d. Task 2: View and Camera

- Animate
- Record
- Save

## 5. FINISH

Presentation

Animate

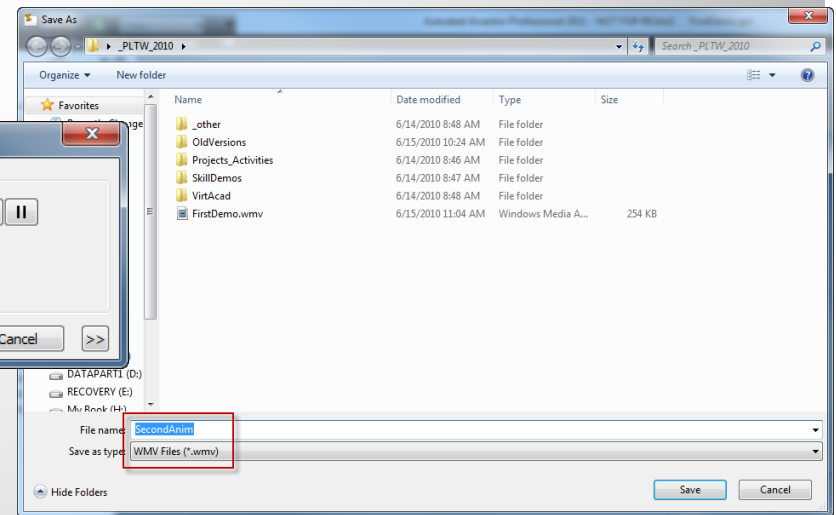
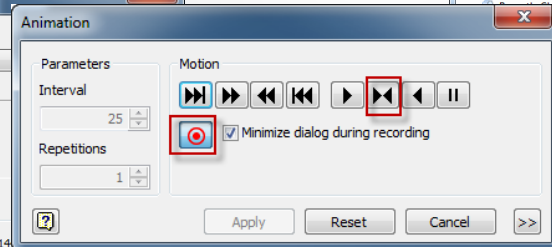
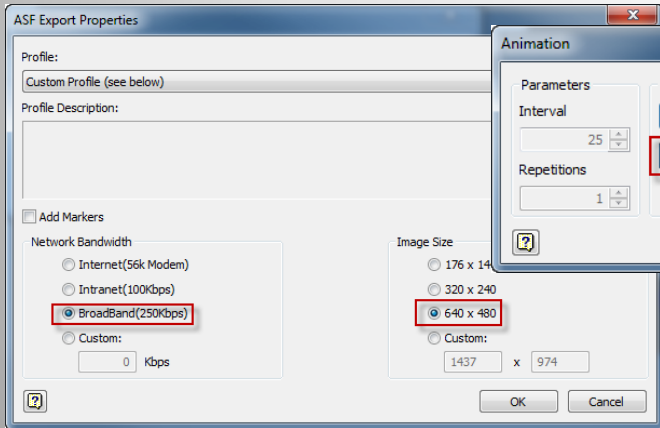
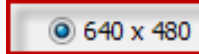
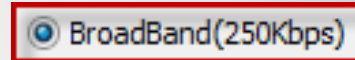
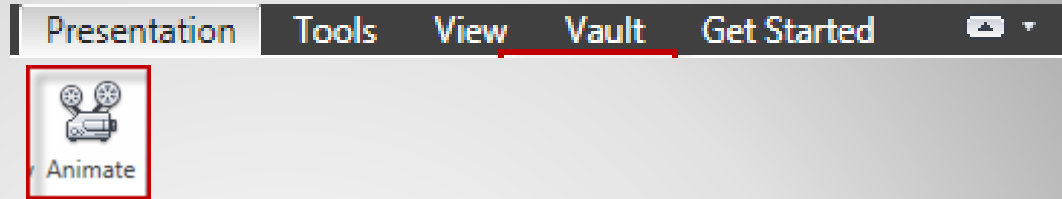
Record

File name: ThirdPres.wmv

Network Bandwidth: Broadband

Image Size: 640x480

Auto Reverse



# a. Recording the animation

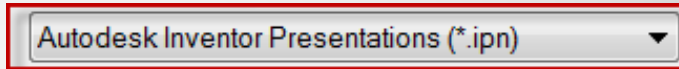
- Save



- Save:

- File name: ThirdPres

- Save as type: .ipn



## b. Save