INSERT

CADian 2020

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Insert -1

Command : i (Insert)

Home
Create Block
Save Block to Disk...
Insert Block...
Edit Block Attributes
Block

INSERT Basic principle

Insert
Name: Browse...
Path:
Insertion point   Scale
☑ Specify On-screen   ☑ Specify On-scr
X: 0.0000   X: 1.0000
Y: 0.0000   Y: 1.0000
Z: 0.0000   Z: 1.0000
                         ☐ Uniform
☐ Explode   Ok

Insert Block
Look in: 2.3. Drawing, Edit
Name
Desktop   15. lengthen.dwg
           16. array.dwg
           17. explode.dwg
           18. join.dwg
My   Arc.dwg
Documents chair.dwg
           circle.dwg

Chair Object Insert

P1
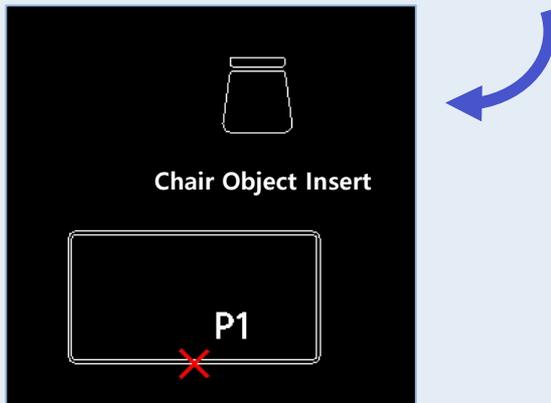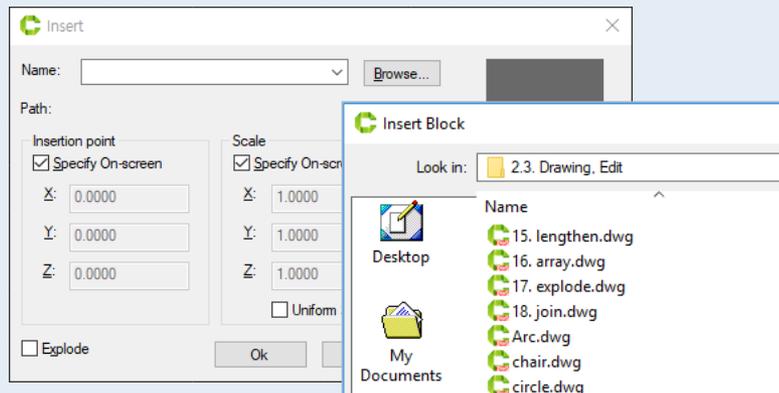
Execution Process

*. "table.dwg" File OPEN

1. "Command" i Input and SPACE

**2. "Browse" button Click and
   click "OK", After select "chair.dwg"**

3. "~<Insertion point for block>:" P1 Click

NOTE

-. Insert the drawing as "browse."
   Blocks used in drawings are also insert.

◆ INSERT

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Insert -2

Command : i (Insert)

Home
- Create Block
- Save Block to Disk...
- Insert Block...
- Edit Block Attributes
- Block ▾

List

1500X1780
chair

List of blocks in the drawing

Browse

2,3. 그리기.편집	
이름	수정한 날짜	유형	크기
16. array.dwg	2015-07-26 오후 5:...	도면	
17. explode.dwg	2015-06-18 오후 7:...	도면	
18. join.dwg	2017-02-10 오전 11:...	도면	
chair.dwg	2015-07-08 오후 12:...	도면	
circle.dwg	2015-08-04 오전 10:...	도면	
병원_치과.dwg	2014-10-30 오전 9:...	도면	
비상탈출구.dwg	2014-08-11 오전 11:...	도면	
사무실 책상.dwg	2015-02-10 오후 6:...	도면	
상업공간.dwg	2014-10-27 오전 10:...	도면	
상업공간1.dwg	2014-10-29 오후 2:...	도면	
상업공간2.dwg	2014-10-29 오후 2:...	도면	

Insert

Name: [   ] Browse...

Path:

Insertion point
- ☑ Specify On-screen
- X: 0.0000
- Y: 0.0000
- Z: 0.0000

Scale
- ☑ Specify On-screen
- X: 1.0000
- Y: 1.0000
- Z: 1.0000
- ☐ Uniform Scale

Rotation
- ☐ Specify On-screen
- Angle: 0

Block Unit
- Unit: Unitless
- Factor: 1.0000

☐ Explode   Ok   Cancel   ?   More>>

Common

☑ Specify On-screen
- X: 1.0000
- Y: 1.0000
- Z: 1.0000

— Set in drawing
— Set in advance

When checking a "Specify on the screen",
you must input it in the command prompt.

Explode

Uniform Scale

☐ Specify On-screen
- X: 2.0000
- Y: 2.0000
- Z: 2.0000
- ☑ Uniform Scale

Scale uniformly
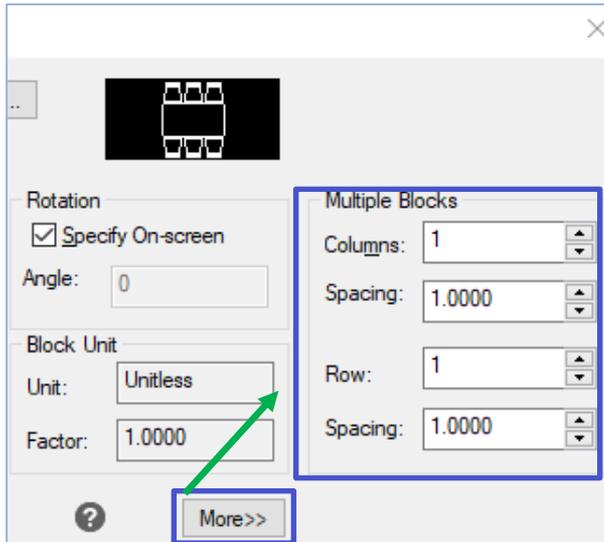If you enter 2 in
X, Y, Z
automatically
Change to 2

Insert -3

Command : i (Insert)

Home
- Create Block
- Save Block to Disk...
- Edit Block Attributes

Insert Block....

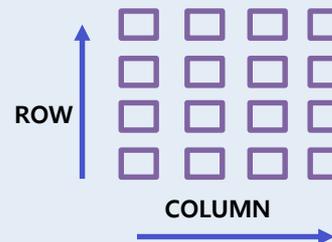Block ▾

Execution Results

Additional Objects
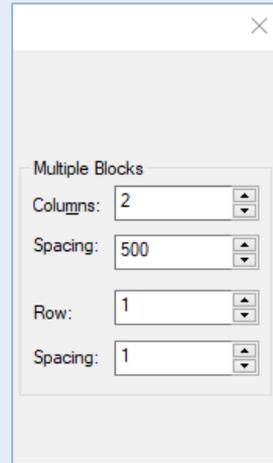
-. When you click "More", the window is added as left

-. Used to insert block at regular intervals

Row and Columns

ROW

COLUMN

-. It works the same way as Array
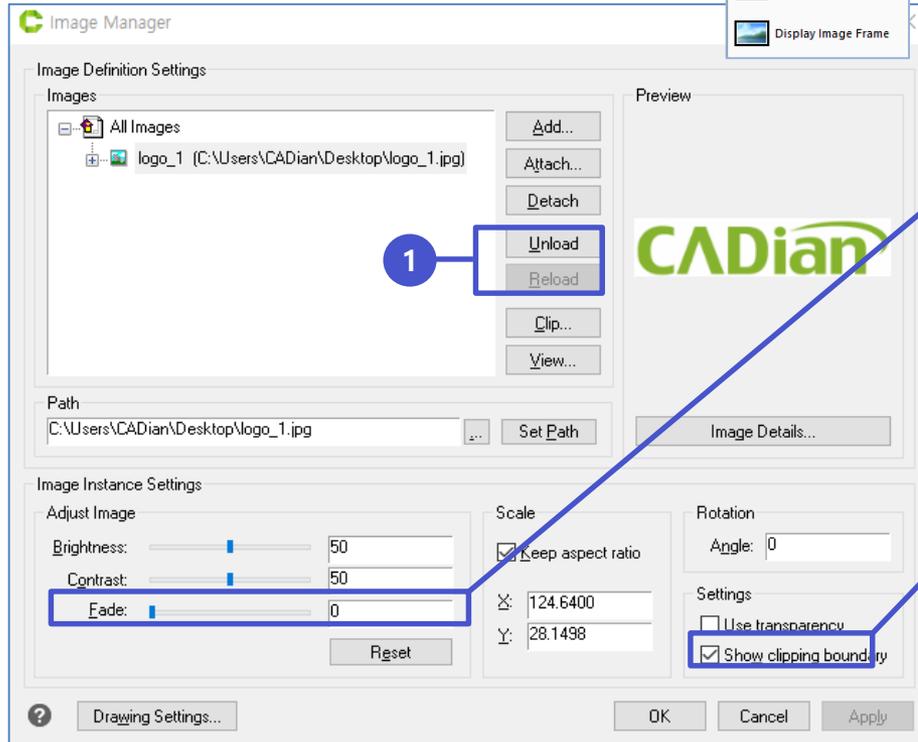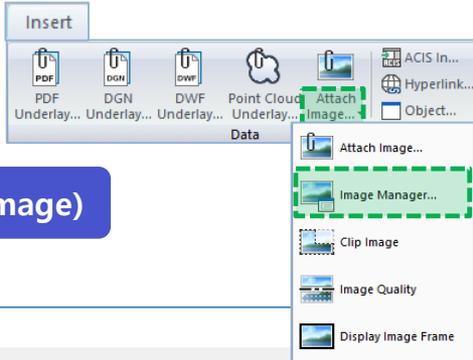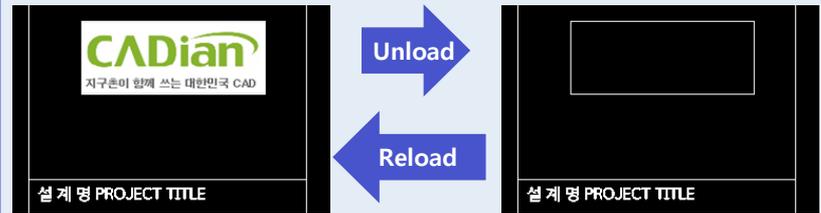
-. Interval is recognized as distance

IMAGE

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Image

Command : image (Image)

Image Manager

Image Definition Settings

Images
- All Images
  - logo_1 (C:\Users\CADian\Desktop\logo_1.jpg)

Buttons: Add..., Attach..., Detach, **1** Unload / Reload, Clip..., View...

Path
C:\Users\CADian\Desktop\logo_1.jpg   Set Path

Preview

Image Details...

Image Instance Settings

Adjust Image
- Brightness: 50
- Contrast: 50
- Fade: 0
- Reset

Scale
- Keep aspect ratio
- X: 124.6400
- Y: 28.1498

Rotation
- Angle: 0

Settings
- Use transparency
- Show clipping boundary

Drawing Settings...   OK   Cancel   Apply

① Unload / Reload

Unload → ← Reload

설계명 PROJECT TITLE

-. Unload : Image frames are visible, but images are not visible.
-. Reload : The opposite of unload.

FADE

Show clipping boundary

uncheck

Click "show clipping boundary" to show the clipped image boundary.

NOTE

When sending mail an attached drawing, Image files should also be attached.

Image Attach

Command : iat (Imageattach)

Insert

PDF Underlay... | DGN Underlay... | DWF Underlay... | Point Cloud Underlay... | Attach Image...

ACIS In...
Hyperlink...
Object...

Data

Attach Image...
Image Manager...
Clip Image
Image Quality
Display Image Frame

Attach Image

Image File

Image is found at:
C:\Users\CADian\Desktop\logo_1.jpg

Image path will be saved as:
C:\Users\CADian\Desktop\logo_1.jpg | > |

Positioning File
☐ Use positioning file

Preview

CADian

Image Details...

Image
Name: logo_1

Insertion Point
☑ Specify on screen
X: 0.0000
Y: 0.0000
Z: 0.0000

Scale
☑ Specify on screen
☑ Keep aspect ratio
X: 1.0000
Y: 1.0000

Rotation
☐ Specify on screen
Angle: 0

Settings
☐ Use transparency
☑ Show clipping boundary

❓ | OK | Cancel

Imageattach Basic practice

1. "Command" iat Input and SPACE

2. Select the file in Windows Explorer

3. Click "OK" after setting attach image dialog box

4. Input the item when clicking on a screen

Path

Full Path
Relative Path
File Name Only

Local hard driver character and URL character recognized as path

The name of the folder to which the file belongs and Recognize the current drive character

Path is same as full path, but path is defined by file name

NOTE

-. This function is the same as the image "Attach" button

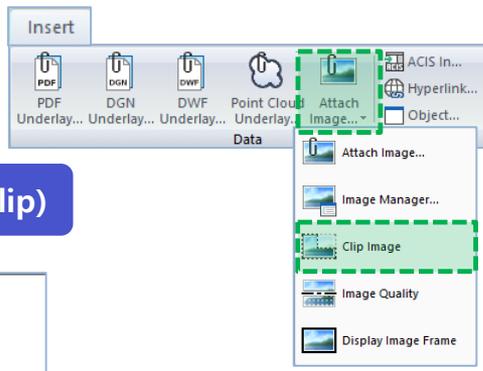-. If a relative path is specified, the file must be saved.
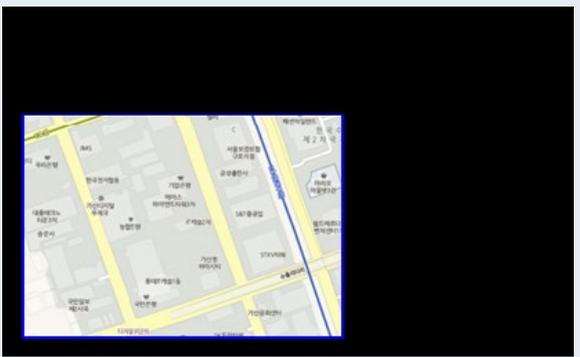
◆ INSERT

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Image Clip -1

Command : icl (Imageclip)

```
Command: ICL
_IMAGECLIP
Select image to clip:
Opposite corner:
On/Delete/<New>:
Outside mode - Objects Outside boundary will be hidden.
Specify clipping boundary or select invert option:
Polygonal/Invert clip/<Rectangular>:
Second corner of clip rectangle:
```

IMAGECLIP Basic principle

P2

Drag

P1

Execution Process

1. "Command" icl Input and Space

2. "Select image to clip:"
Select image and SPACE

3. "On(O)/Delete(D)<NEW>:" SPACE

4. "~Reverse Clip(T)/<Rectangular(R)>:"
r Input and SPACE

5. "~First corner of clip rectangle :" P1 CLICK

6. "~Second corner of clip rectangle:" P2 CLICK

NOTE

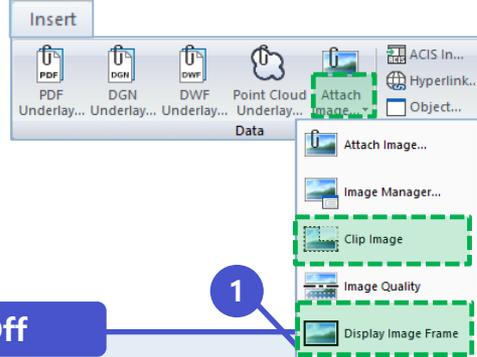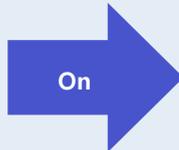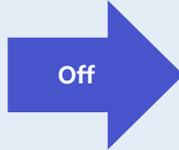-. When you select the "polygonal"
in step 4,
you can imageclip any shape

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Image Clip -2

Command : icl (Imageclip)

Insert

PDF Underlay... DGN Underlay... DWF Underlay... Point Cloud Underlay... Attach Image...

ACIS In... Hyperlink... Object...

Data

Attach Image...
Image Manager...
Clip Image
1
Image Quality
Display Image Frame

On / Off

Off

On

-. The on / off function is used when imageclip been executed.

-. The off function is not visible, but the boundary data is saved.

-. Same function as "Show clipping boundary" in image dialog box

Delete

If you select delect,
you can not use the on / off function
because it clears clipping boundary data.

1 **Display Imageframe**

Imageframe Execute

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OFF

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Whether to create imageframe

Import PDF AS DWG
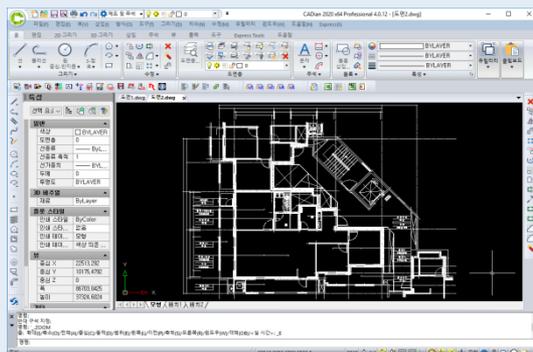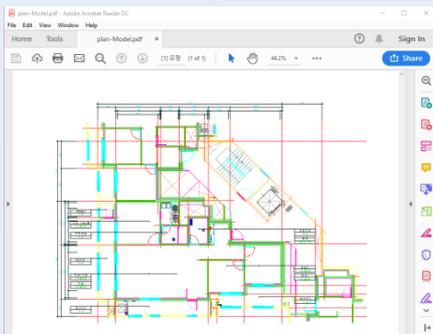
CADian 2020

◆ PDFIMPORT

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Import PDF as DWG

Command : pdfimport

```
Command: pdfimport
Enter page number or [?] <1>:
Specify insertion point:
Base image size: Width: 8.2639, Height: 11.6806, Inches
Specify scale factor or [Unit] <1.0000>:
Specify rotation <0>: '_ORTHO
ORTHOMODE is currently off:  ON/Toggle/<Off>: _T
(ORTHOMODE is currently On)
Specify rotation <0>:
```

PDFIMPORT Basic Principle

Execution Process

1. "command:" pdfimport Input and SPACE

2. Select PDF File
(sample ➡ kor ➡ 6. Insert ➡ plan-Model.pdf)

3. "Enter page ~ <1>:" 1 Input and SPACE

4. "Specify scale ~ <1>:" 1 Input and SPACE

5. "Specify rotation <0>:" 0 Input and SPACE

NOTE

-. Convert objects in PDF to CAD objects only

-. The layer information can not be loaded.

-. All dimension associations are released.