## Animated Tutorials

In this Animated Tutorials series, one will get a basic ideas of - how tools can be used to create drawings.

This tutorial will guide step by step to understand from very basic behavior of tools. In other word, it can be an Animated User Manual.


Contents of this Tutorial will follow as mentioned below.

- Line
- Circle
- Modify

Note: The focus of this tutorial is only for Tools. For User Interface, Preferences, Toolbar setting related tutorial could be in different tab/page inside Wiki or will be uploaded soon here, Animated Tutorial page.

## Contents Of Tools

| Line | Circle | Modify |
| :--- | :--- | :--- |
| 2 points | Center Point | Move / Copy |
| Angle | 2 Points | Rotate |
| Horizontal | 2 Points, Radius | Scale |
| Vertical | 3 Points | Mirror |
| Rectangle | Center, Radius | Move and Rotate |
| Parallel through points | Tangential 2 Circles, 1 Point | Revert Direction |


| Line | Circle | Modify |
| :--- | :--- | :--- |
| Parallel | Tangential, 2 Point | Trim |
| Bisector | Tangential 2 Circles,Radius | Trim Two |
| Tangent (P,C) | Tangential 3 Circles | Lengthen |
| Tangent (C,C) |  | Offset |
| Tangent Orthogonal |  | Bevel |
| Orthogonal |  | Fillet |
| Relative Angle |  | Divide |
| Polygon (Cen, Cor) |  | Stretch |
| Polygon (Cen, Tan) |  | Properties |
| Polygon (Cor, Cor) |  | Attributes |
|  |  | Explode text |
|  |  | Explode |
|  |  | Delete Selected |

## Tool: LINE

## LINE: 2 Points




2 points with more detail...

## LINE: Angle



## LINE: Horizontal



## LINE: Vertical



## LINE: Rectangle



## LINE: Parallel through point



$\square$ By Layer

## LINE: Parallel



## LINE: Bisector




## LINE: Tangent (P,C)



## LINE: Tangent (C,C)






## LINE: Tangent Orthogonal



## LINE: Orthogonal



## LINE: Relative Angle



LINE: Polygon [(Cen,Cor), (Cen,Tan), (Cor,Cor)]


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