



DISCON Specialists

EA Enabling Techniques

Algorithmic Structure Diagram (ASD)

✉ **Email**
berte@discon.co.za

🌐 **Website**
www.disconspecialists.com

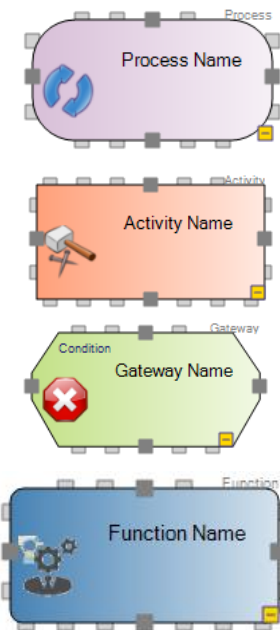
☎ **Phone**
(+27) 12 667 5975

🌐 **LinkedIn**
www.linkedin.com/company/discon-specialists

Reason for Existence

- An Algorithmic Structure is used to define the internal view of any function, process or algorithm where complex algorithmic logic in terms of sequence, condition, repetition and synchronisation is needed.
- The structure can be constructed on each of the three architecture levels to depict algorithmic logic applicable at that specific level.
- The most general application of the technique is to depict programme structure or logic for application design and development.

Notation

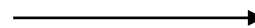


Process

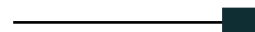
Activity

Gateway

Function

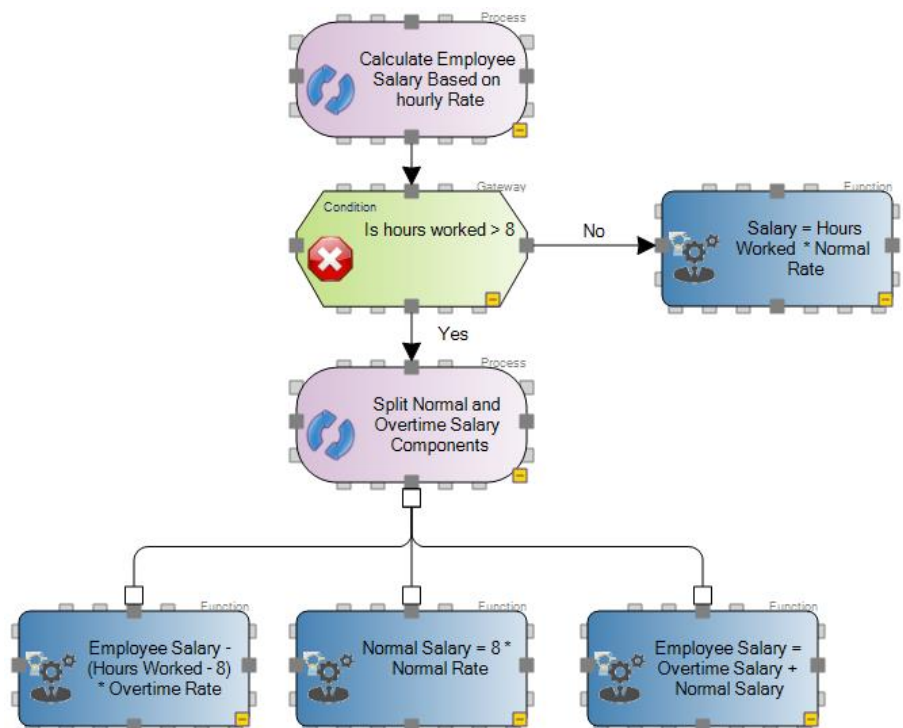


Process Flow



Mapping

MetaBuilder Example



In the example the algorithmic logic required by a system to determine Employee Salaries can be seen.