



**ISO 11783-11
Mobile Data Element
Dictionary**



DDE Request Form

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DDE Supplement / Attachment

DDIdentifier₍₁₀₎	DDName
594	Steering Type

Version 1.0

Steering Type

Steering Type DDI is used to define the current active steering type of a machine. This information can be used to finetune or adjust system behavior or to document which steering type was used during operation.

Depending on the DDI implementation and machine capabilities the Steering Type could change during operation.

The current supported steering types are listed below:

Enumeration:

- 0 -- unknown
- 1 – Articulated
- 2 – Differential
- 3 - Front wheel
- 4 - Rear wheel
- 5 - Four wheel
- 6 - Differential Front with Active Rear support
- 7 – Dog-walk Machine
- >=8 are reserved for future assignments

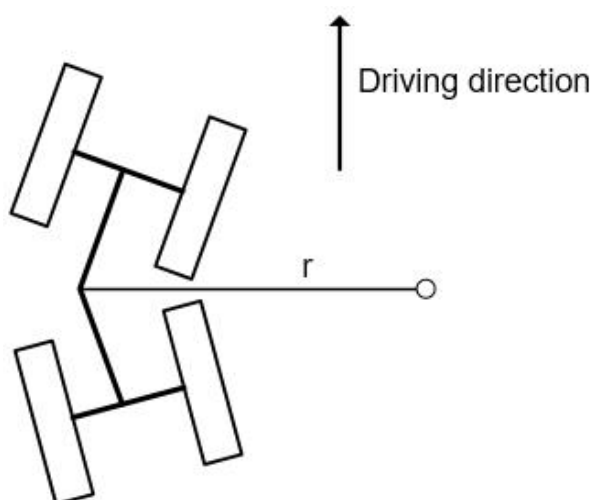
For more details see example pictures below.

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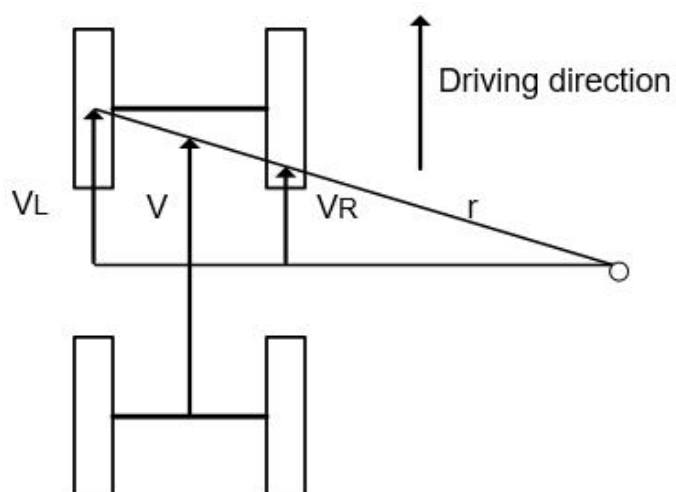
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1: Articulated

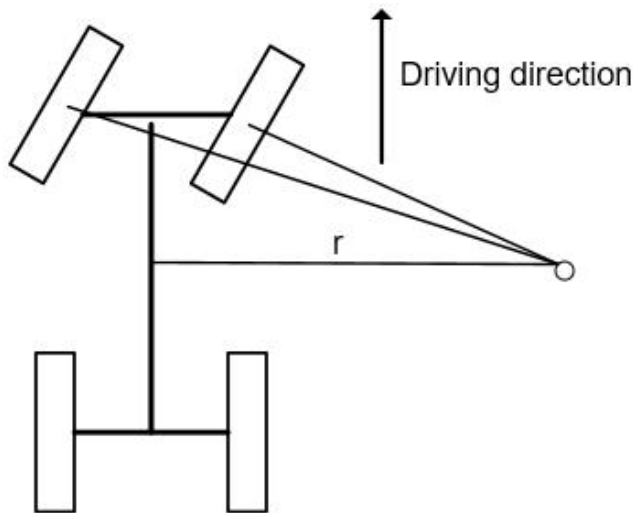


2 – Differential

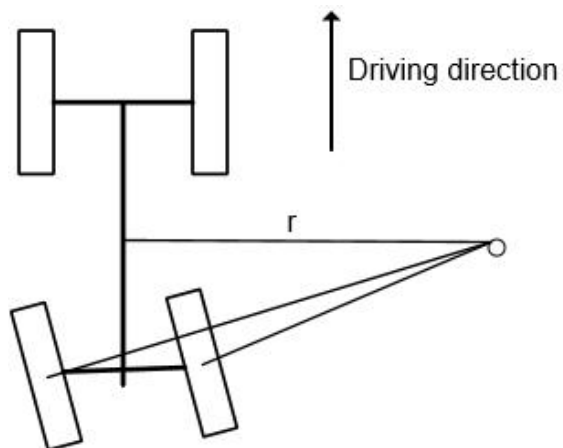


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3 - Front wheel

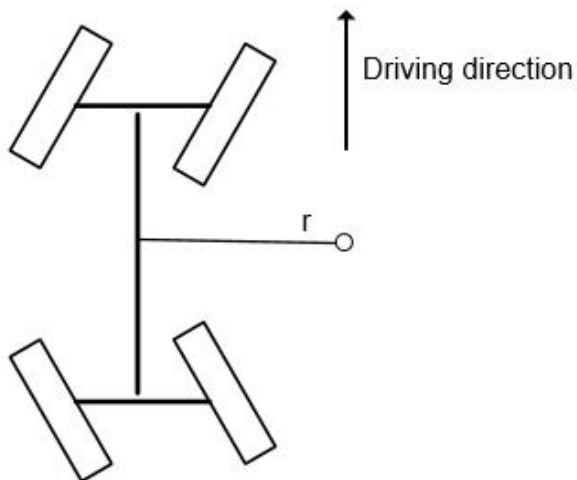


4 - Rear wheel



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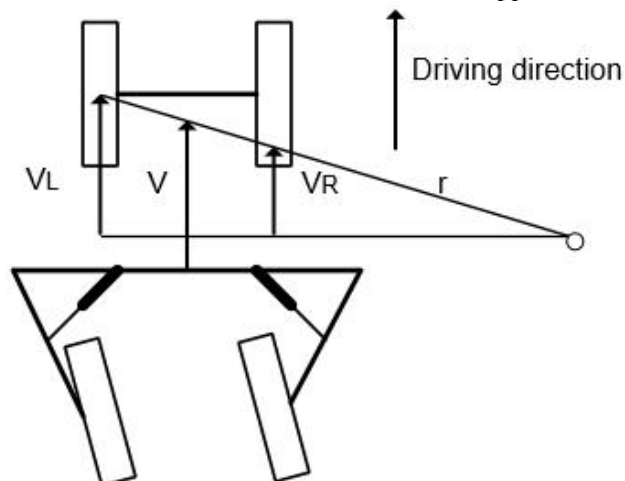
5 - Four wheel



Note:

Depending on the implementation the front and rear steering angle may not be the same!

6 – Differential Front with Active Rear support



Steering is done with front differential steering control. The extra active cylinders on the rear wheels will support faster steering reactions which enables faster and tighter turns.

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7: Dog-walk:

