Object Model for JuliaPetra

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Linear Systems of Equations

$$a_{11} \cdot x_1 + a_{12} \cdot x_2 + \dots + a_{1m} \cdot x_m = b_1$$

$$a_{21} \cdot x_1 + a_{22} \cdot x_2 + \dots + a_{2m} \cdot x_m = b_2$$

$$\vdots$$

$$a_{n1} \cdot x_1 + a_{n2} \cdot x_2 + \dots + a_{nm} \cdot x_m = b_n$$

Linear Systems of Equations

$$a_{11} \cdot x_1 + a_{12} \cdot x_2 + \dots + a_{1m} \cdot x_m = b_1$$

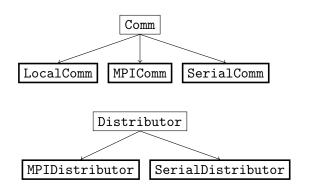
$$a_{21} \cdot x_1 + a_{22} \cdot x_2 + \dots + a_{2m} \cdot x_m = b_2$$

$$\vdots$$

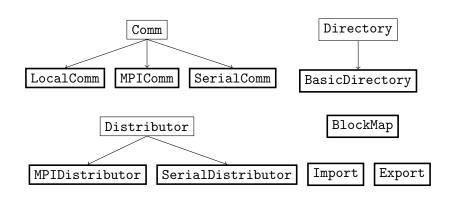
$$a_{n1} \cdot x_1 + a_{n2} \cdot x_2 + \dots + a_{nm} \cdot x_m = b_n$$

$$\mathbf{A} \cdot \vec{x} = \vec{b}$$

Supporting Interfaces



Supporting Interfaces



Operator

MultiVector

