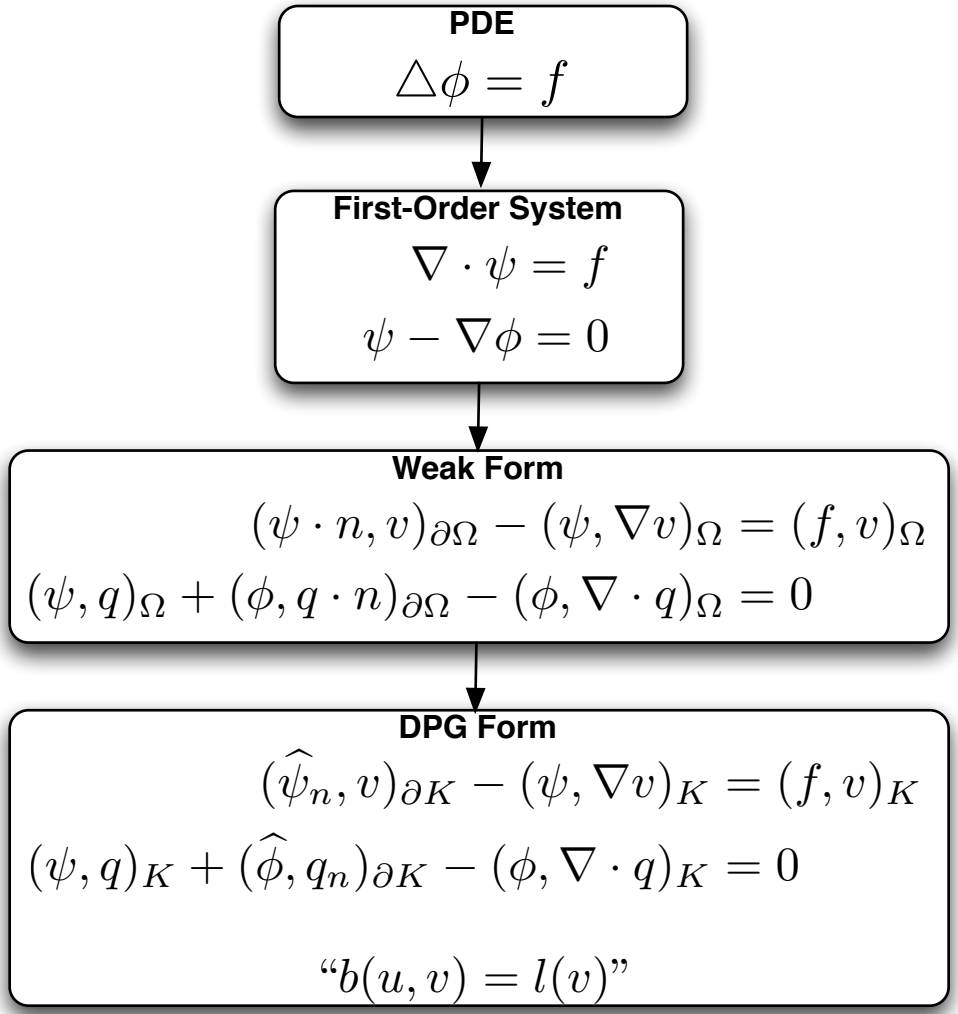
PDE
$\triangle\phi = f$
First-Order System
$\nabla \cdot \psi = f$
$\psi - \nabla\phi = 0$
Weak Form
$(\psi \cdot n, v)_{\partial\Omega} - (\psi, \nabla v)_{\Omega} = (f, v)_{\Omega}$
$(\psi, q)_{\Omega} + (\phi, q \cdot n)_{\partial\Omega} - (\phi, \nabla \cdot q)_{\Omega} = 0$
DPG Form
$(\widehat{\psi}_n, v)_{\partial K} - (\psi, \nabla v)_K = (f, v)_K$
$(\psi, q)_K + (\widehat{\phi}, q_n)_{\partial K} - (\phi, \nabla \cdot q)_K = 0$
"$b(u, v) = l(v)$"