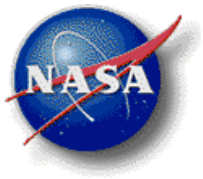
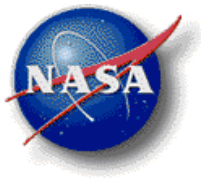


Planning Formalisms (commentary)

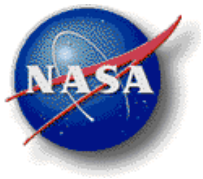
David E. Smith
Intelligent Systems Division
NASA Ames Research Center
Moffett Field, CA 94035

Theme?



?

Theme? – Translation



Theme? – Translation

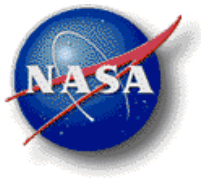
1) PDDL 2.1$_{\text{Dur}}$ $\rightarrow$ $\mathcal{ES}$ $\rightarrow$ CSP$_{\text{B}}$ (Y. Hu)

Theme? – Translation

2) Golog-DCK $\longrightarrow$ PDDL 2.1$_{\text{ADL}}$ (J. Baier …)

1) PDDL 2.1$_{\text{Dur}}$ $\longrightarrow \mathcal{ES} \longrightarrow$ CSP$_{\text{B}}$ (Y. Hu)

Theme? – Translation

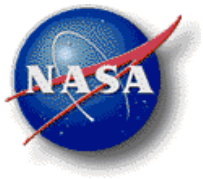


2) Golog-DCK $\longrightarrow$ PDDL 2.1$_{ADL}$ (J. Baier …)

1) PDDL 2.1$_{Dur}$ $\longrightarrow$ $\mathcal{ES}$ $\longrightarrow$ CSP$_{B}$ (Y. Hu)

3) IXTET $\longrightarrow$ UPPAL-TIGA (Y. Abdeddaim …)

More Translation



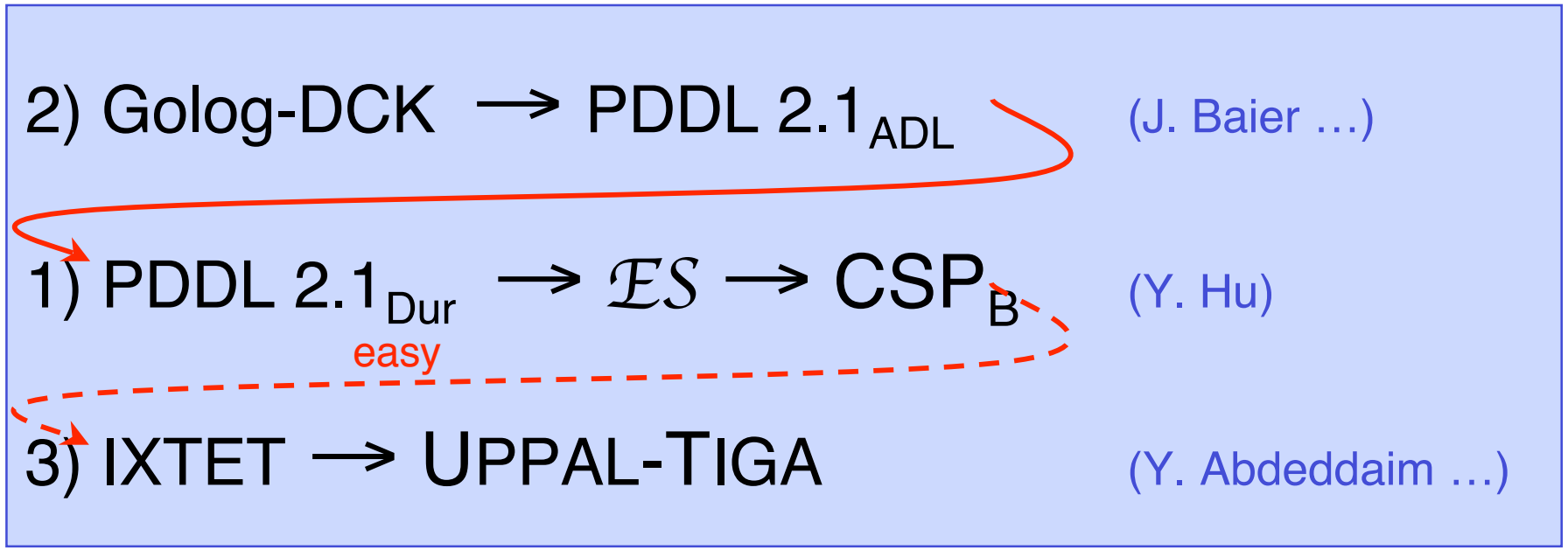
2) Golog-DCK $\longrightarrow$ PDDL 2.1$_{ADL}$ (J. Baier …)

subset

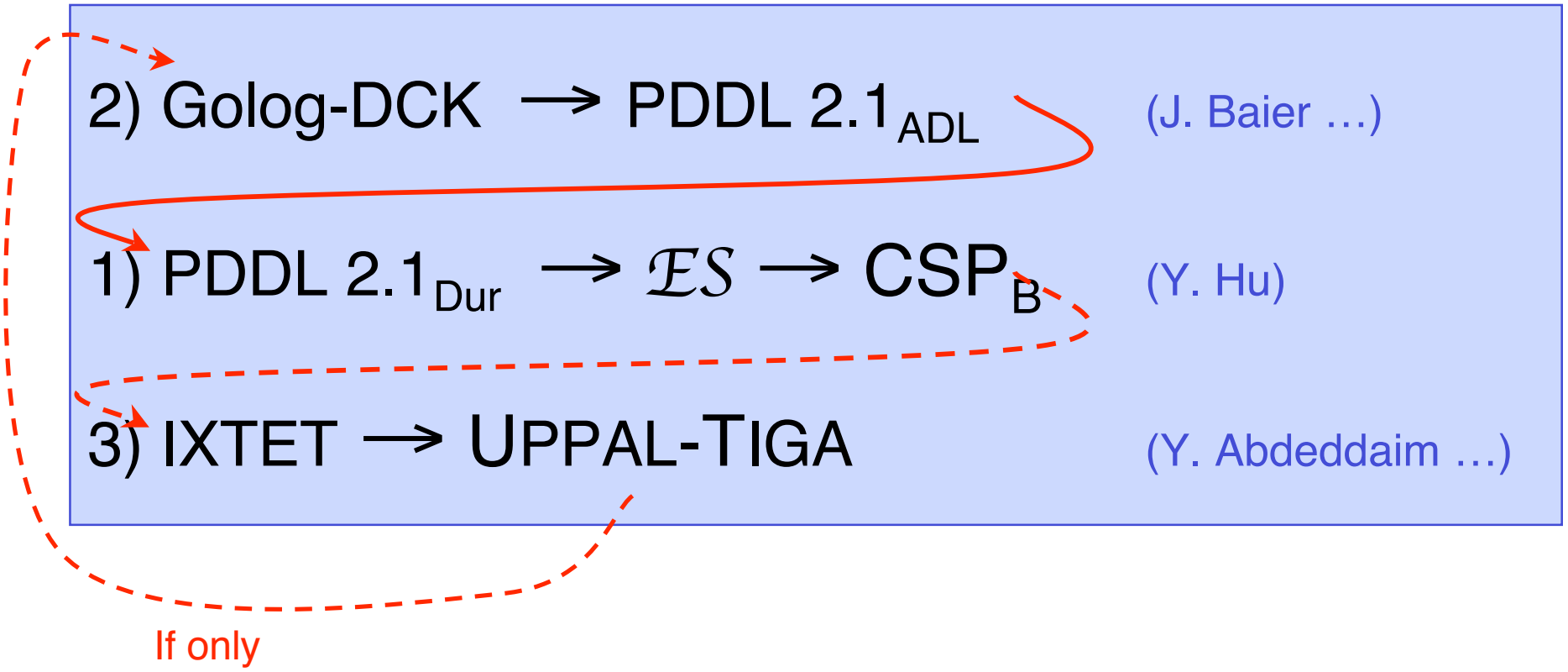
1) PDDL 2.1$_{Dur}$ $\longrightarrow$ $\mathcal{ES}$ $\longrightarrow$ CSP$_{B}$ (Y. Hu)

3) IXTET $\longrightarrow$ UPPAL-TIGA (Y. Abdeddaim …)

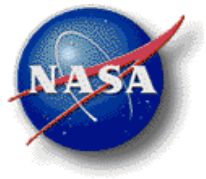
Still More Translation



Telephone anyone?



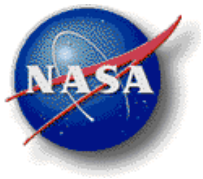
The Translation Space

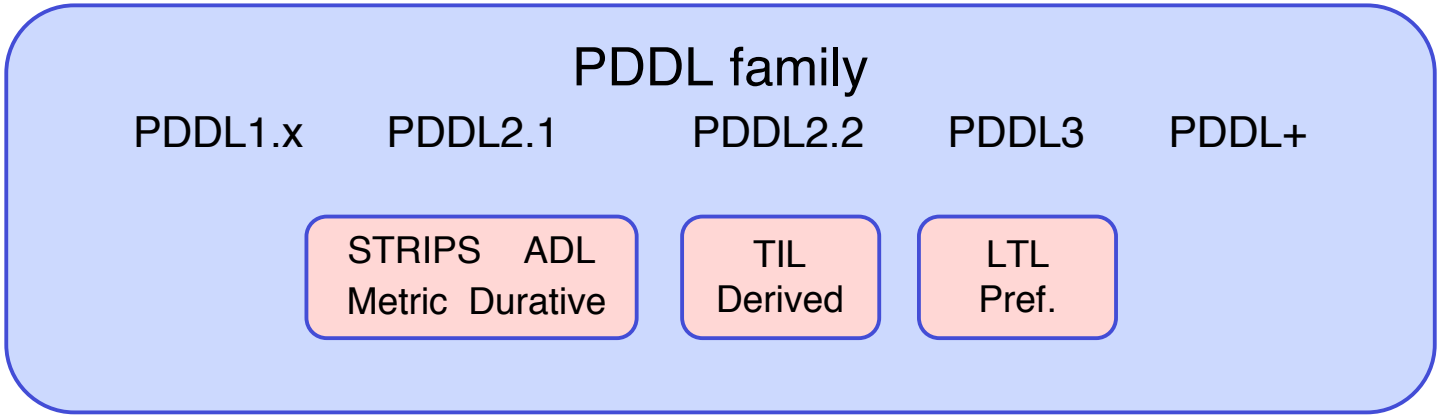


PDDL family

PDDL1.x PDDL2.1 PDDL2.2 PDDL3 PDDL+

The Translation Space





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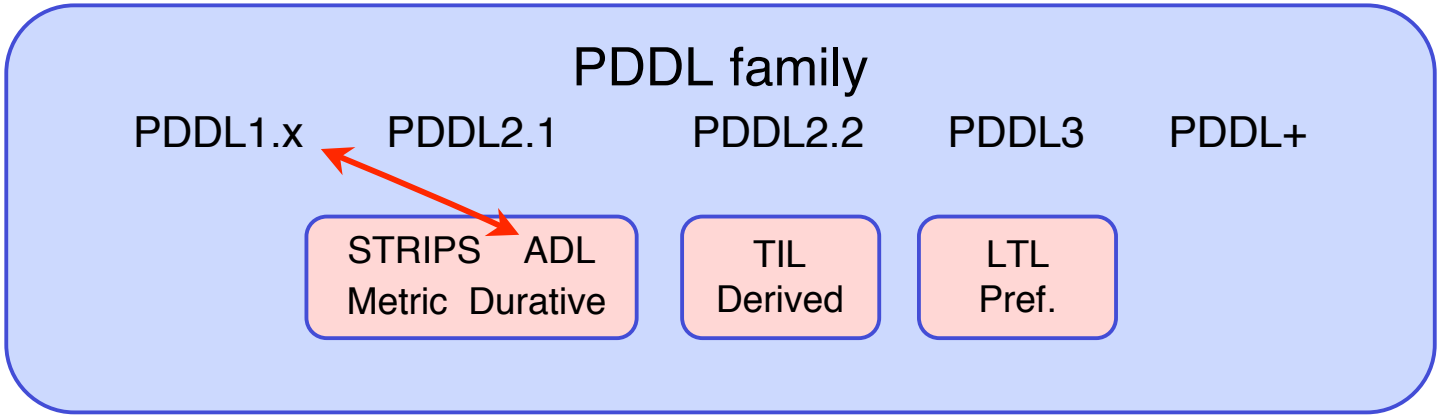

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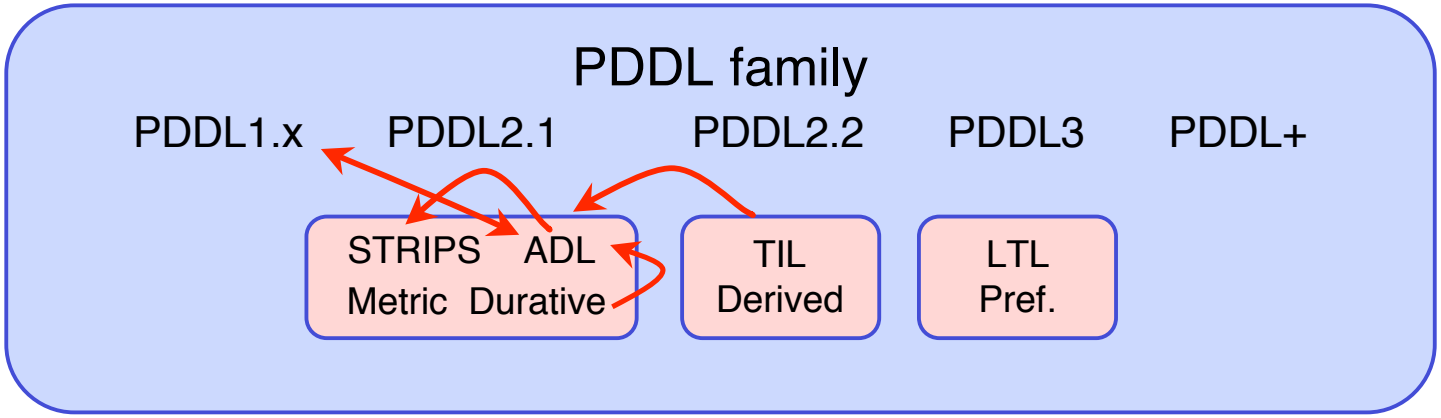

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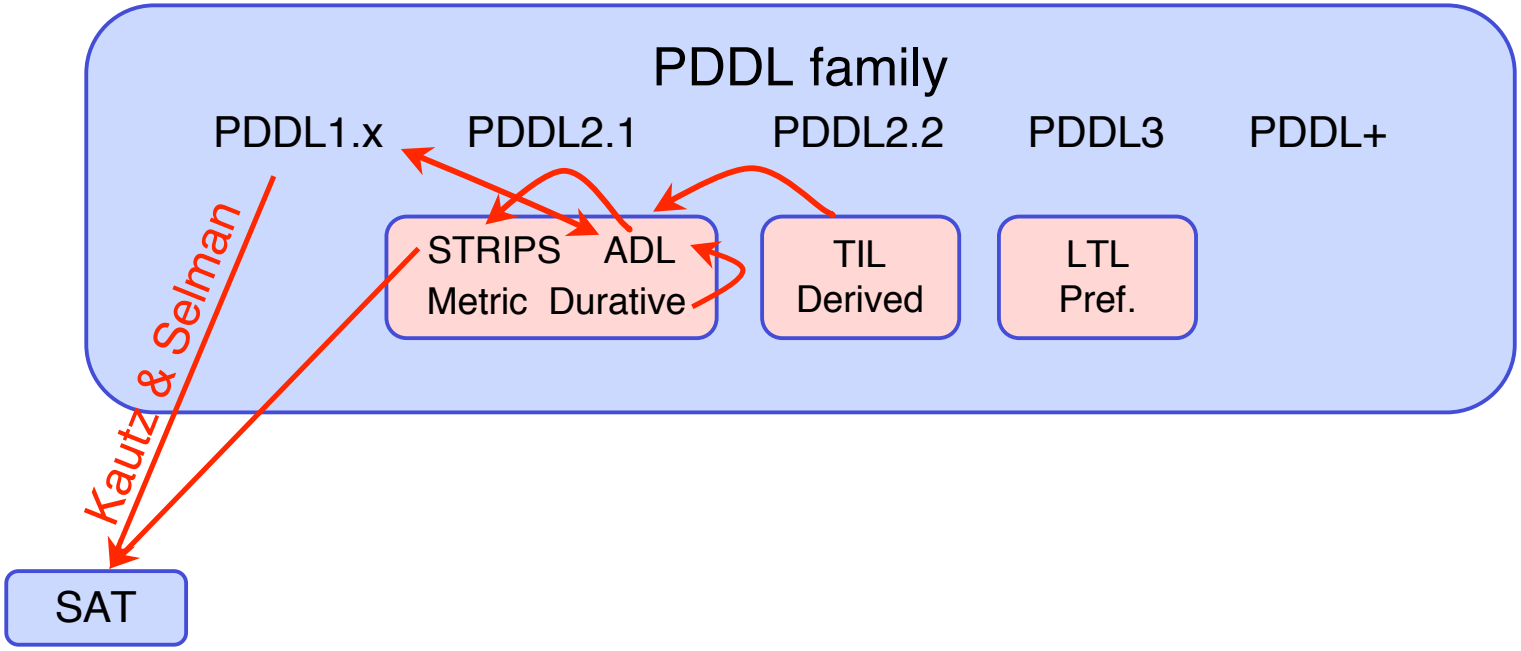

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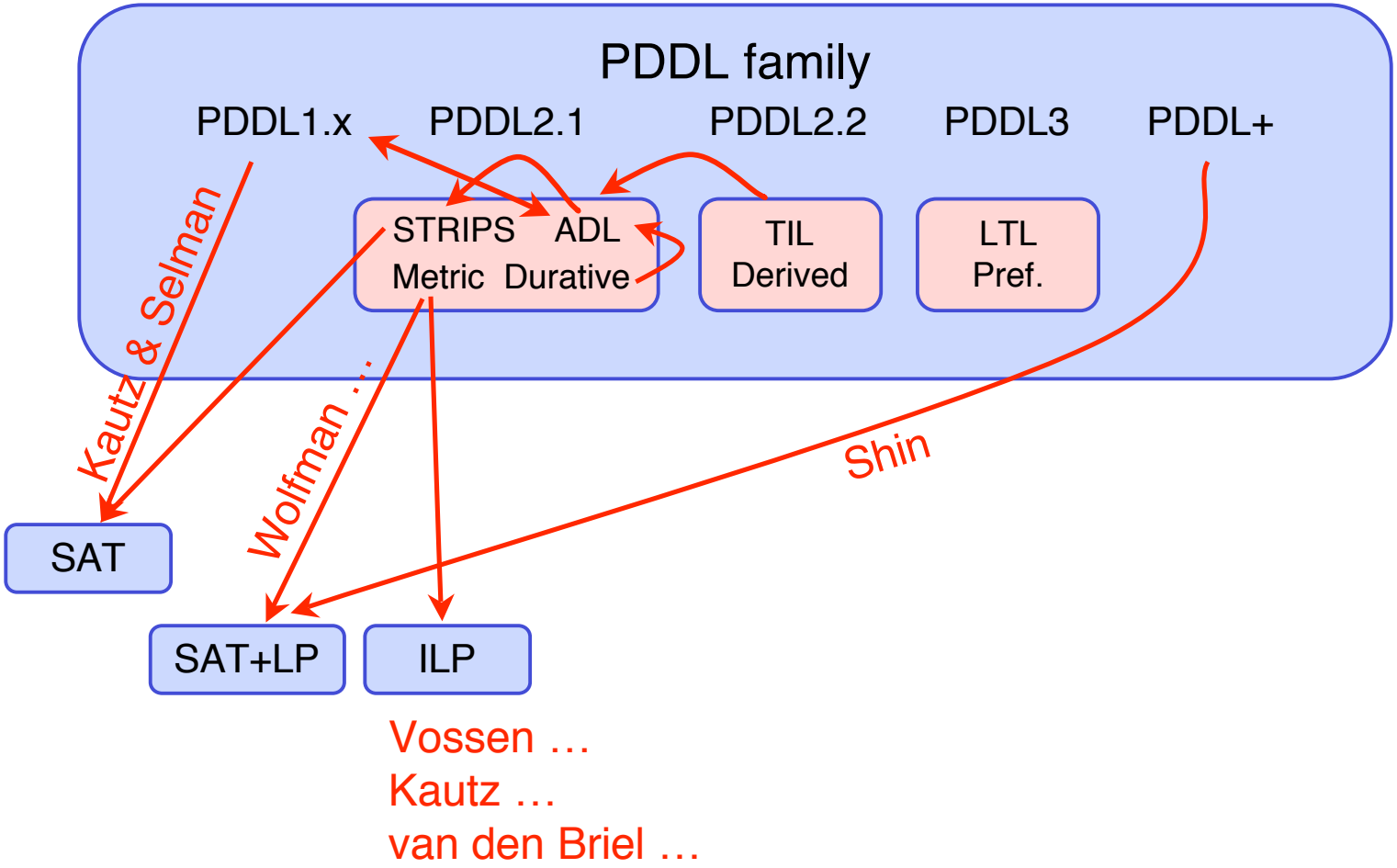
The Translation Space



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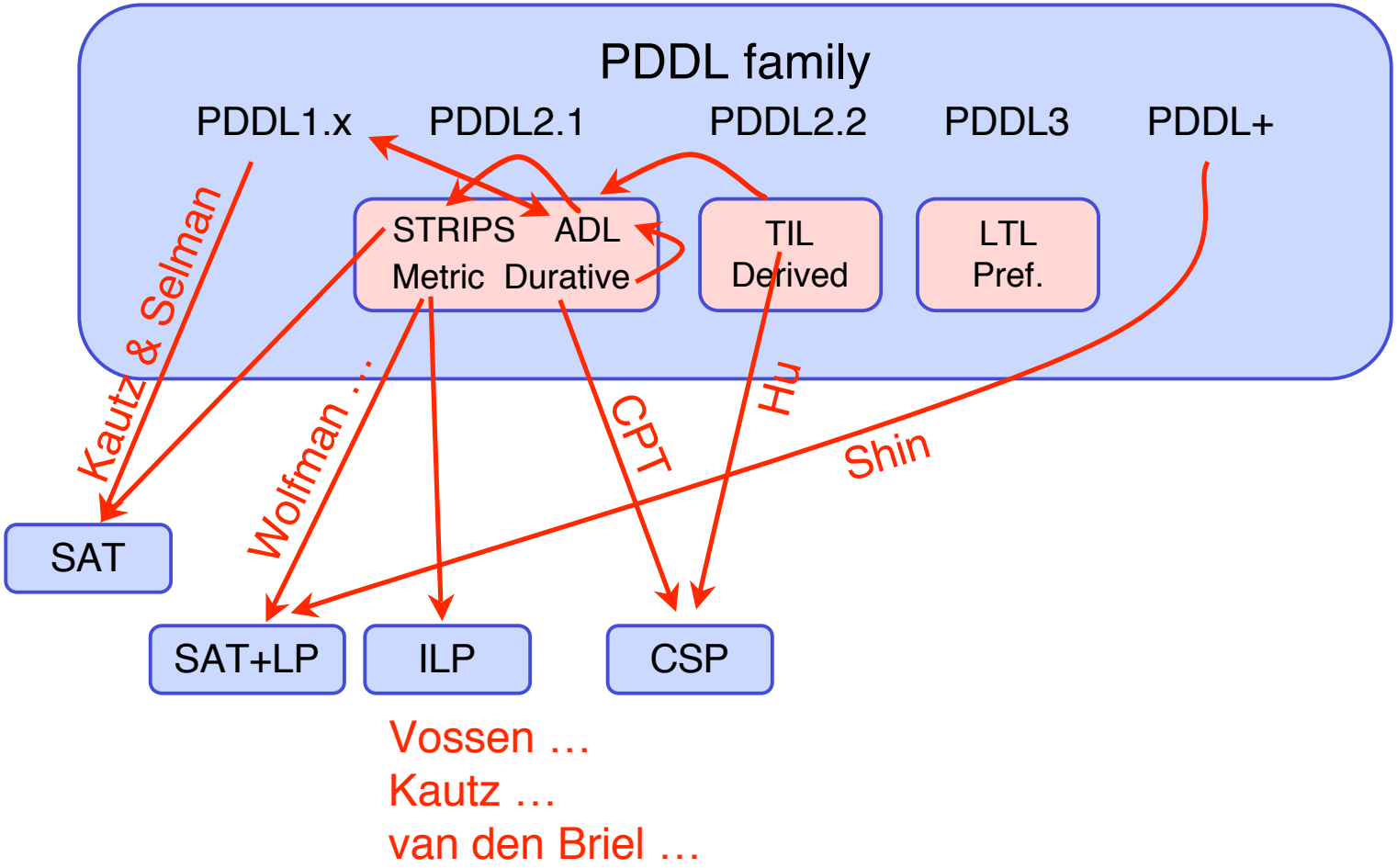
The Translation Space



Ames Research Center

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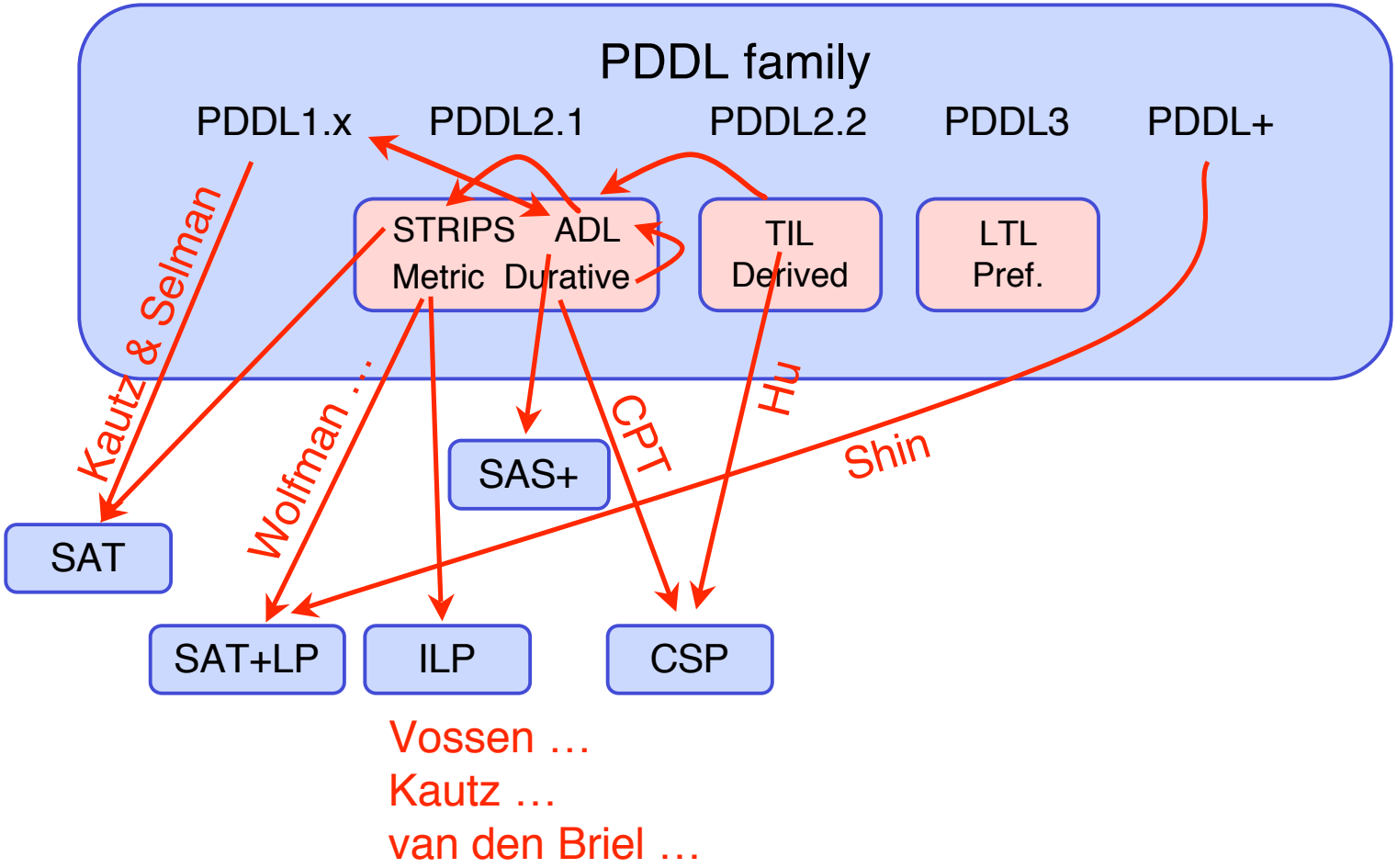

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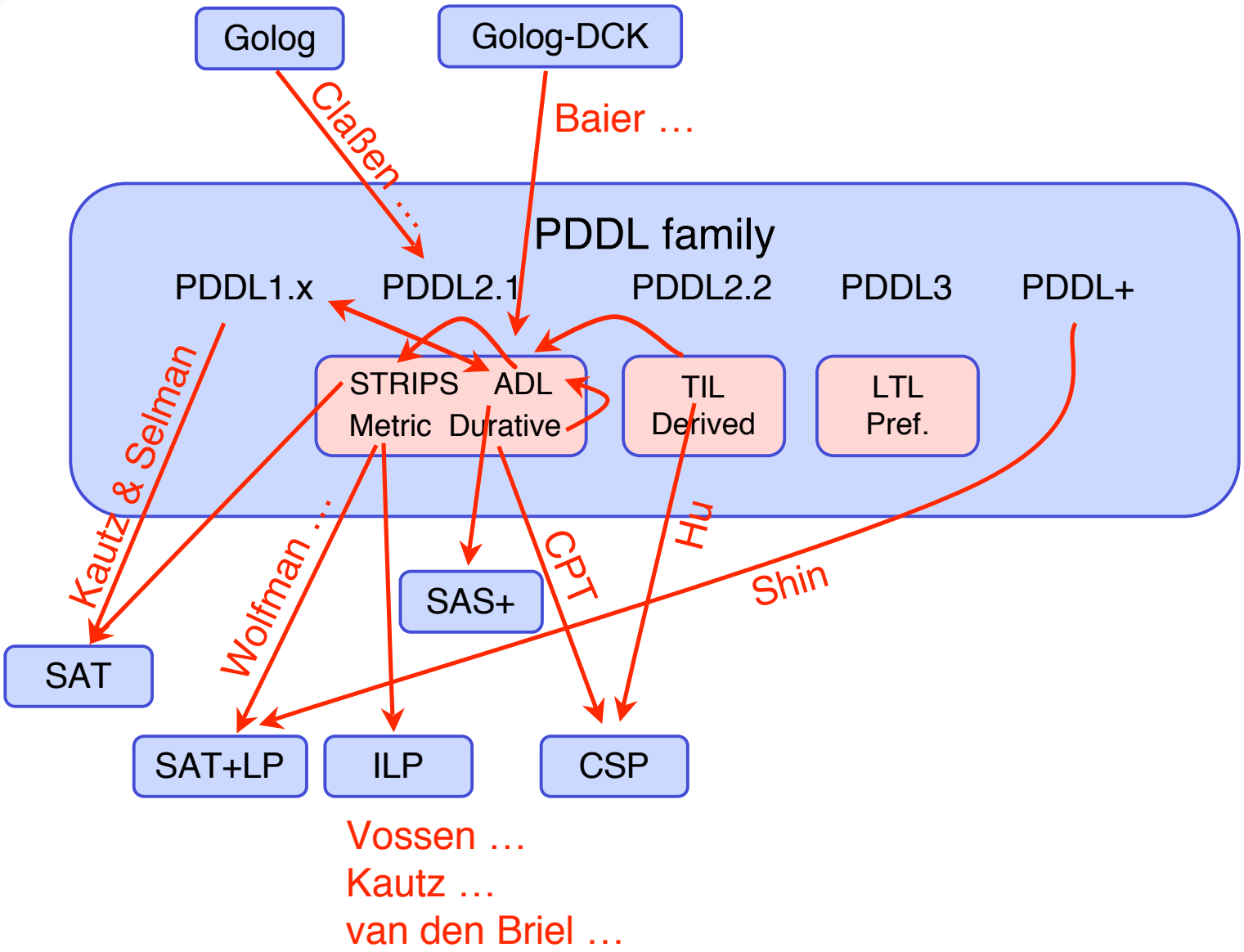
The Translation Space



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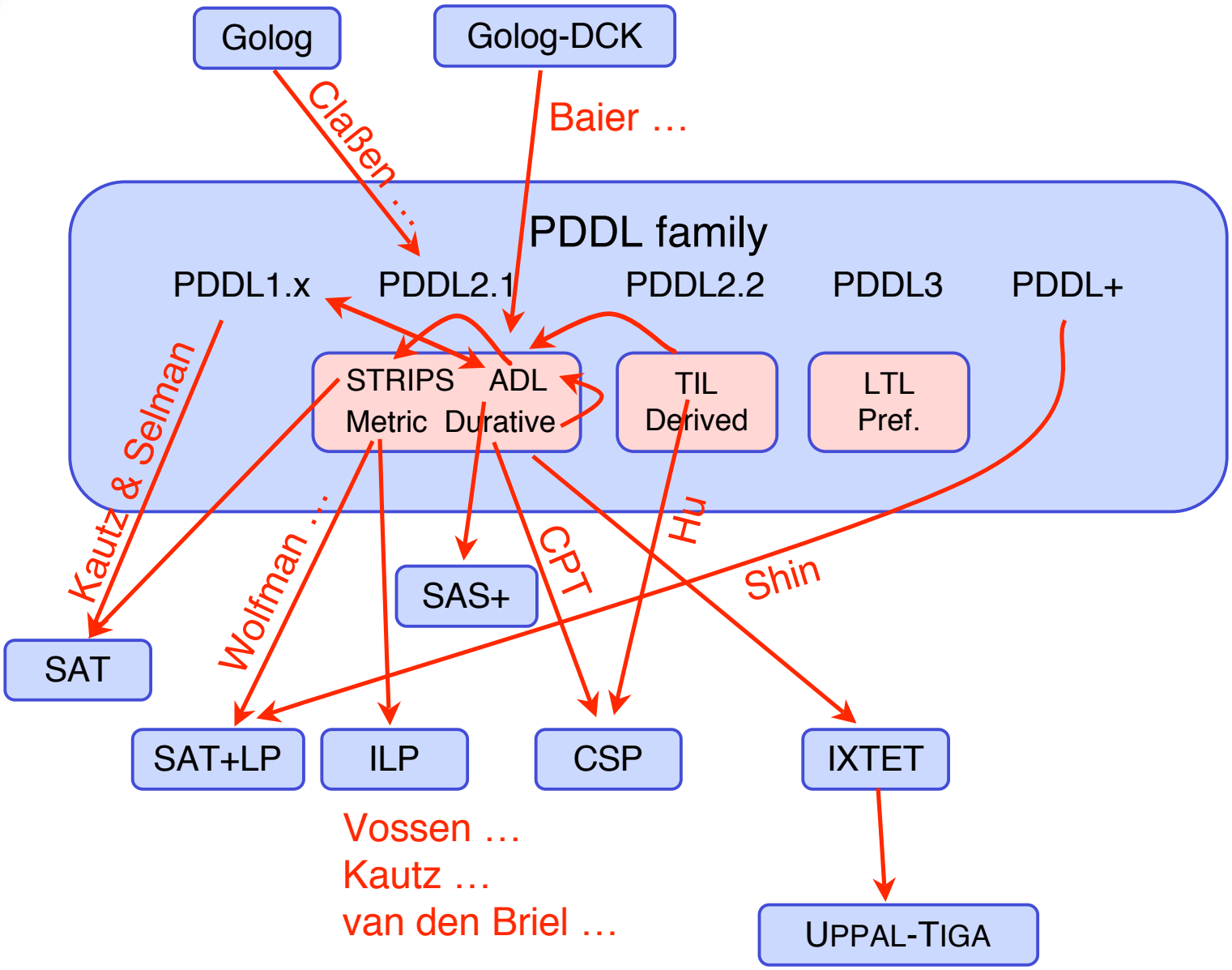
The Translation Space



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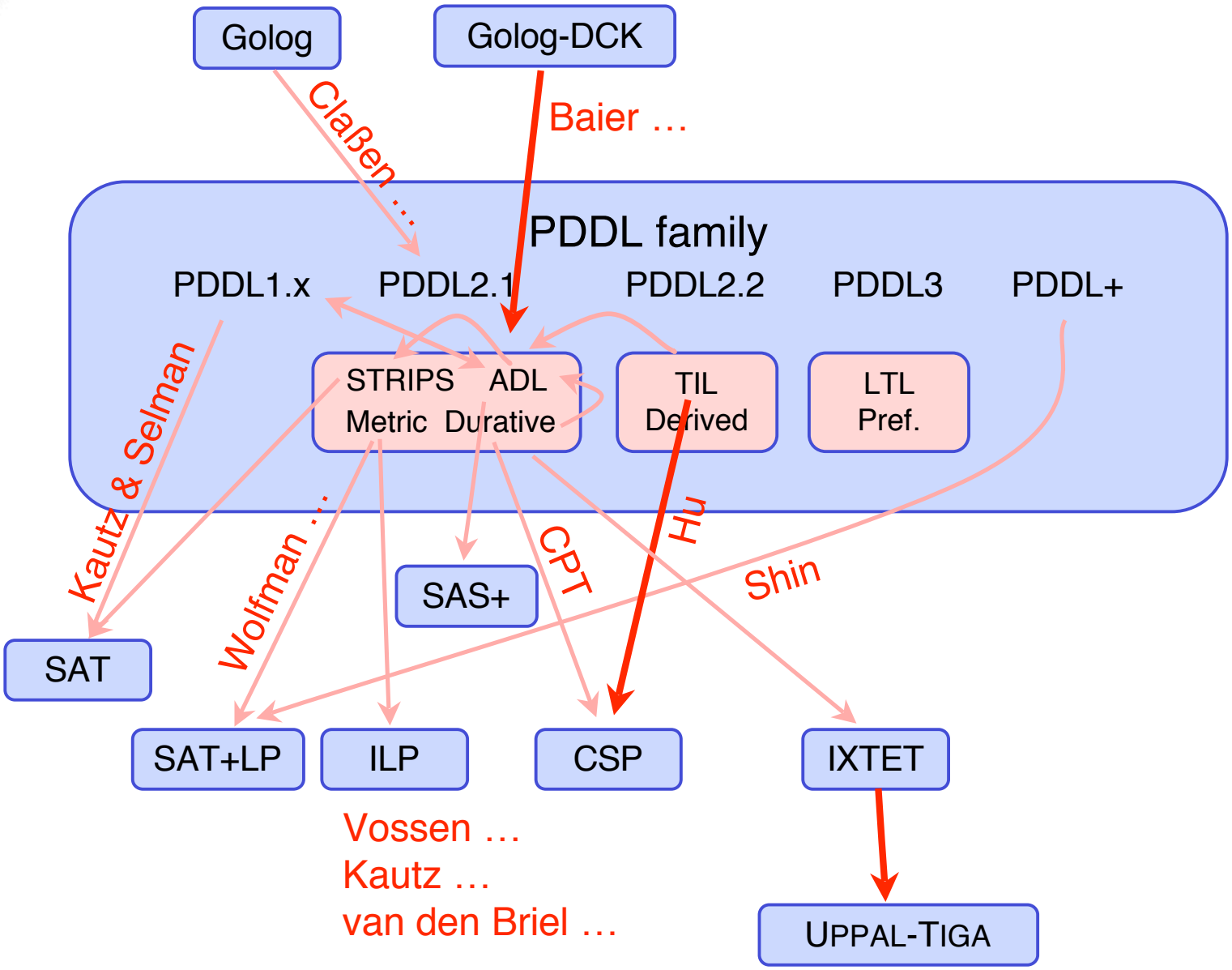
You Are Here …



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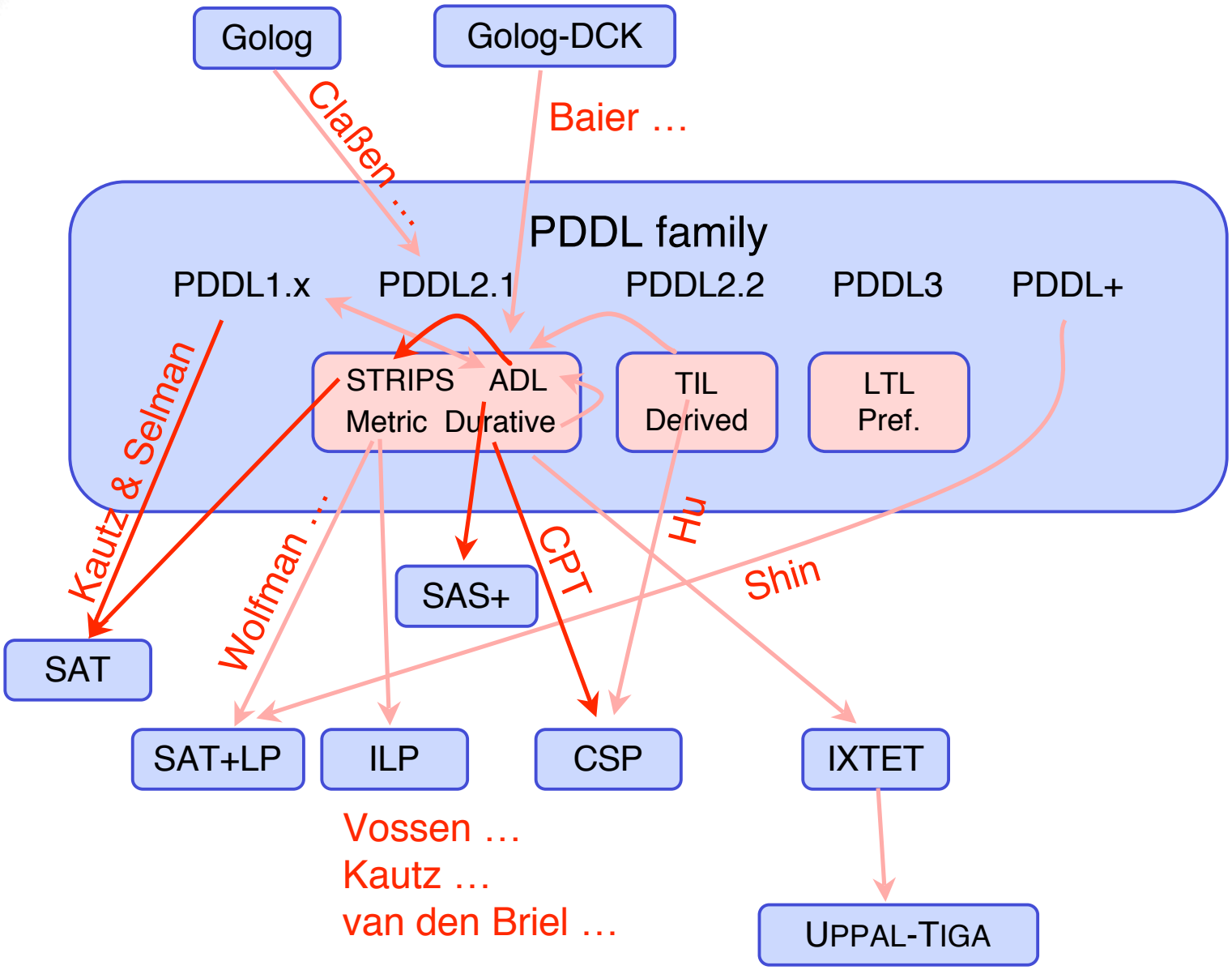
Proven Effective?



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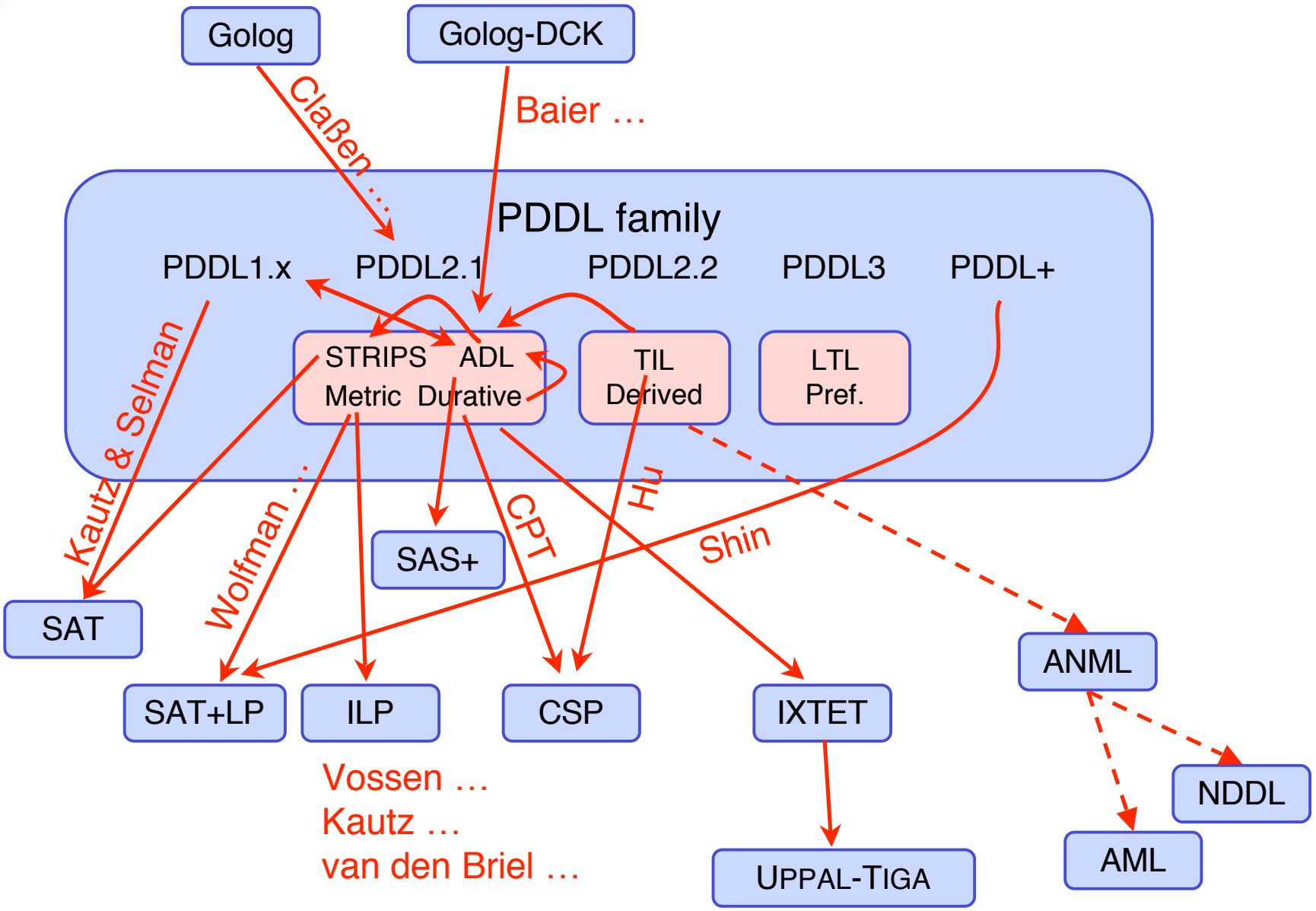
Perpetuating the Madness …