

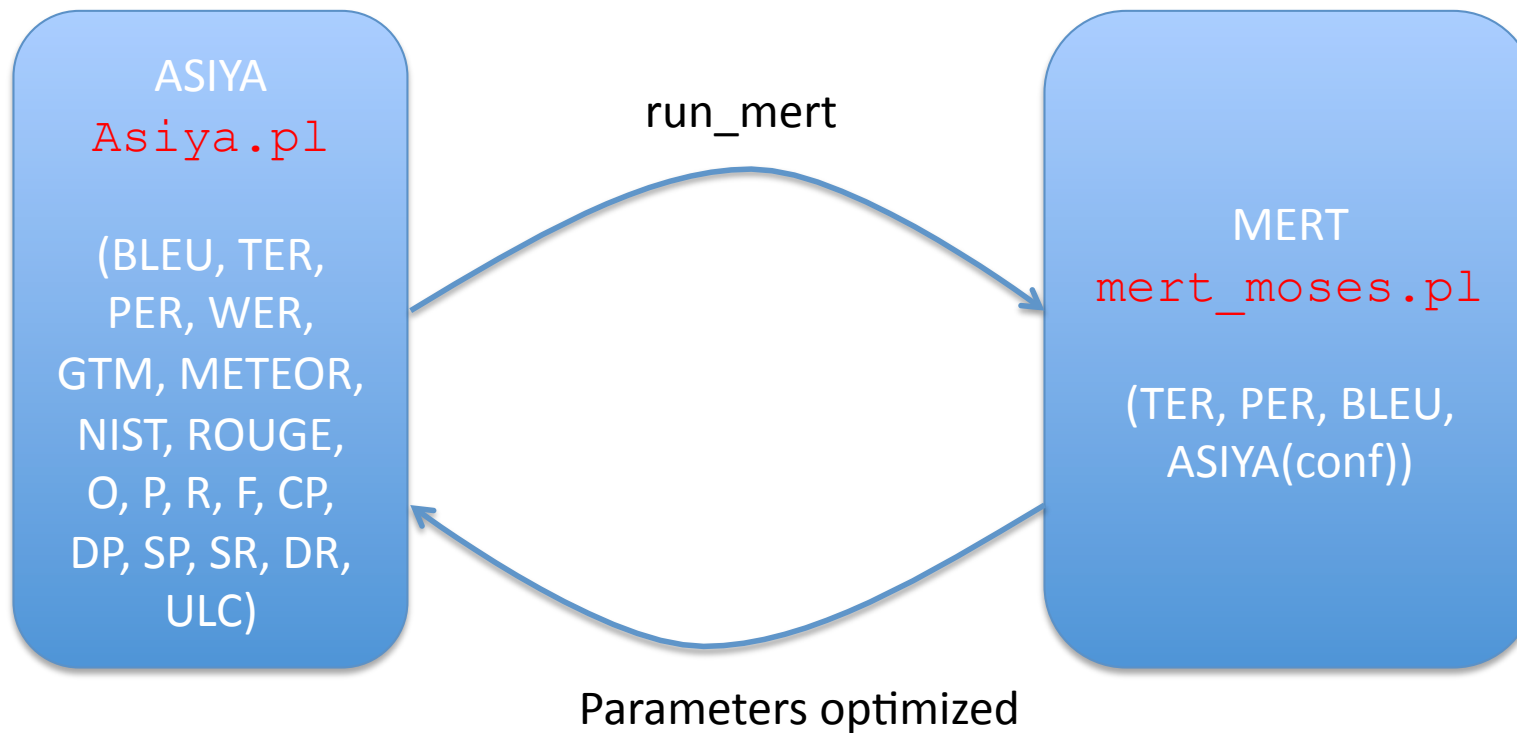
New Development Functionality For The Asiya Suite Parameter Optimization With Mert

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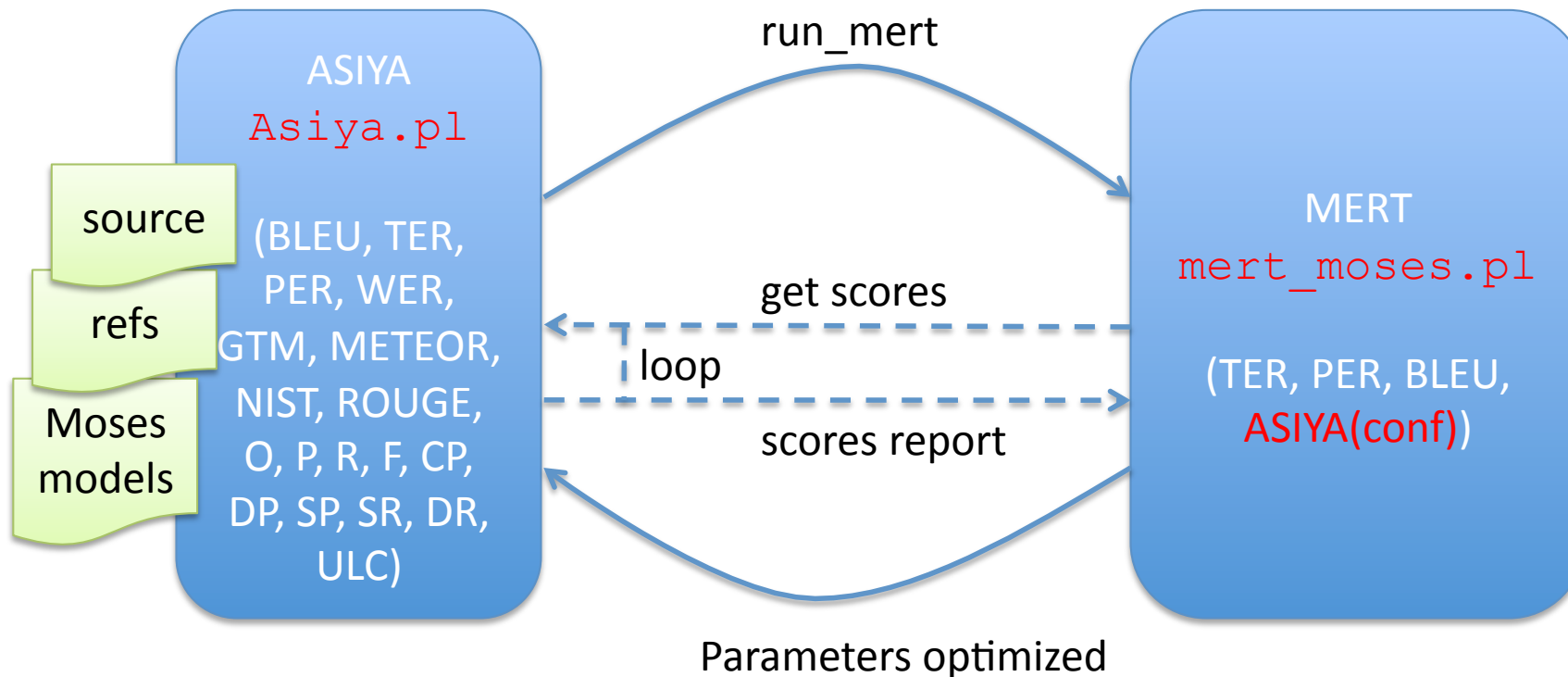
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MT Marathon 2012, Edinburgh

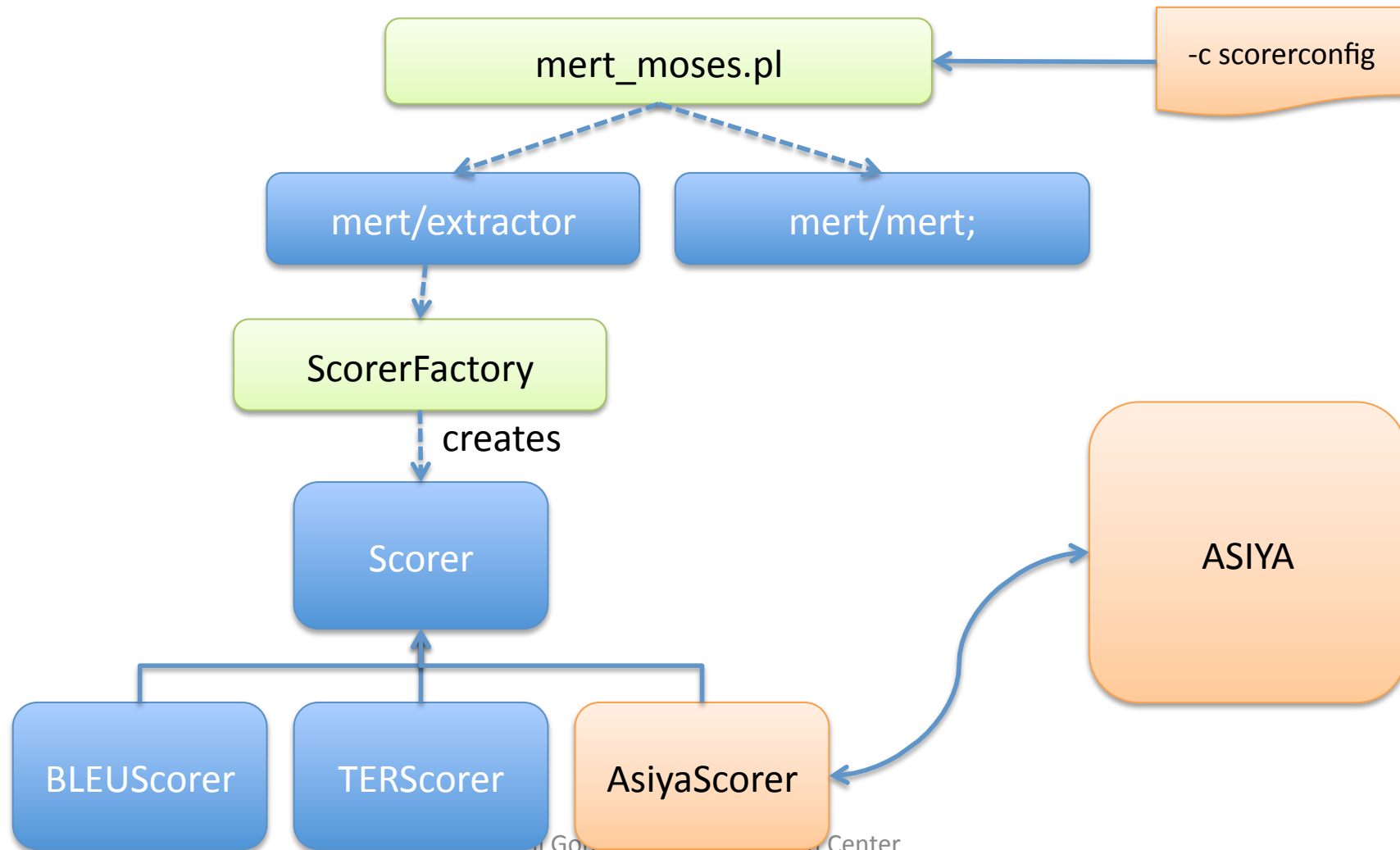
Goal



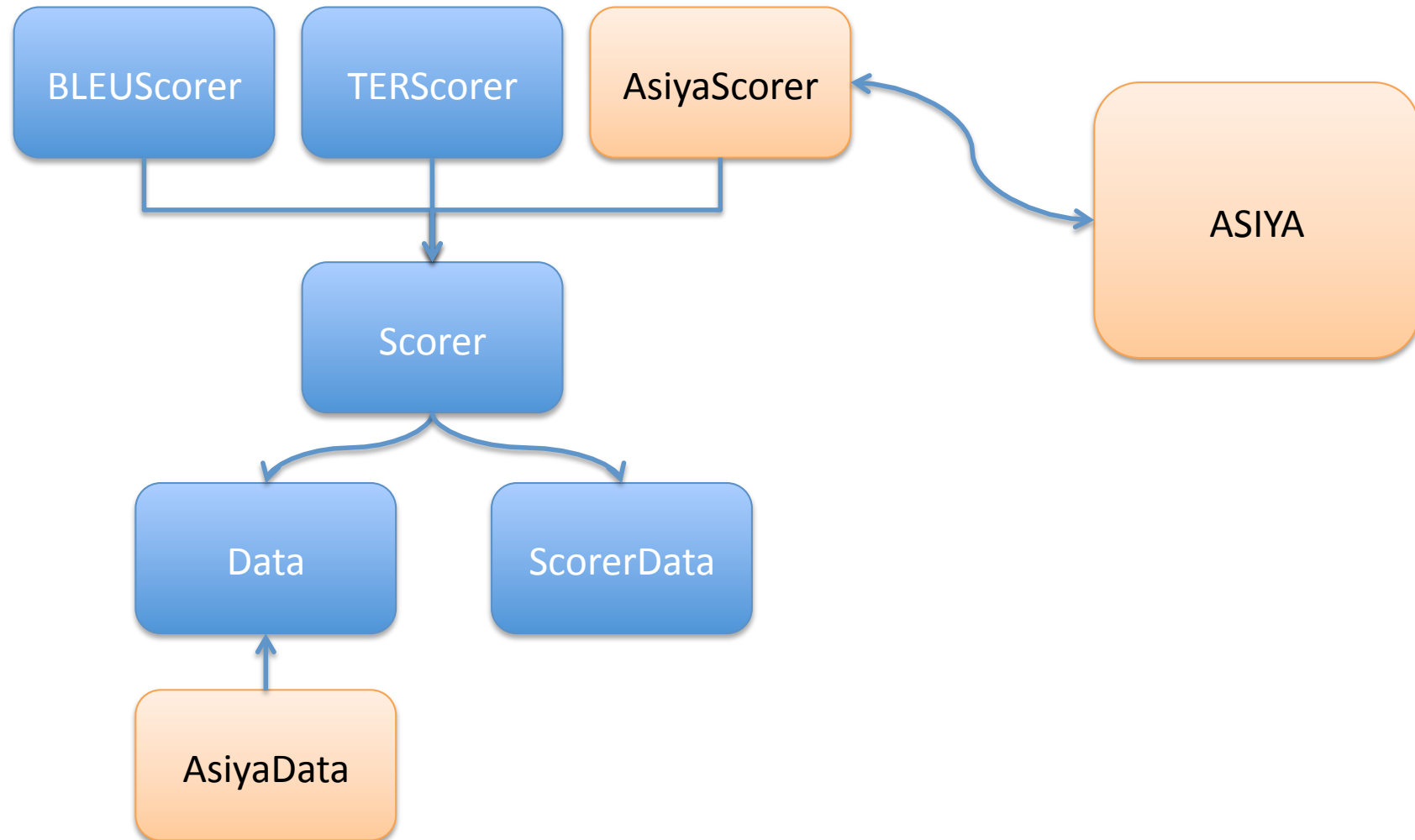
Approach



Approach Design



Approach Design



Accomplishments

- Communication between MERT and an external scorer
 - Create the new classes
 - writing/reading data and scores to/from Asiya
 - Update Asiya options

More fun to be done next

- Generalize the classes
- Write documentation and make the code available
- Extend other optimization algorithms (i.e., KBMIRa, PRO).

Future Work

- Study the impact of metric variation in dev on the translation quality
- Optimize towards a purpose

THANK

YOU

MUCH!