

Multimodal Coreference Resolution



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CAMBRIDGE

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TOSHIBA

Multimodal Coreference Resolution



Hi, do you have short
sleeve t-shirts?



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Yes, we do. What color do you prefer?



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White. Similar to the one next to the black hoodie.



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dialogue history



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objects data



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objects data



scenes and visual data

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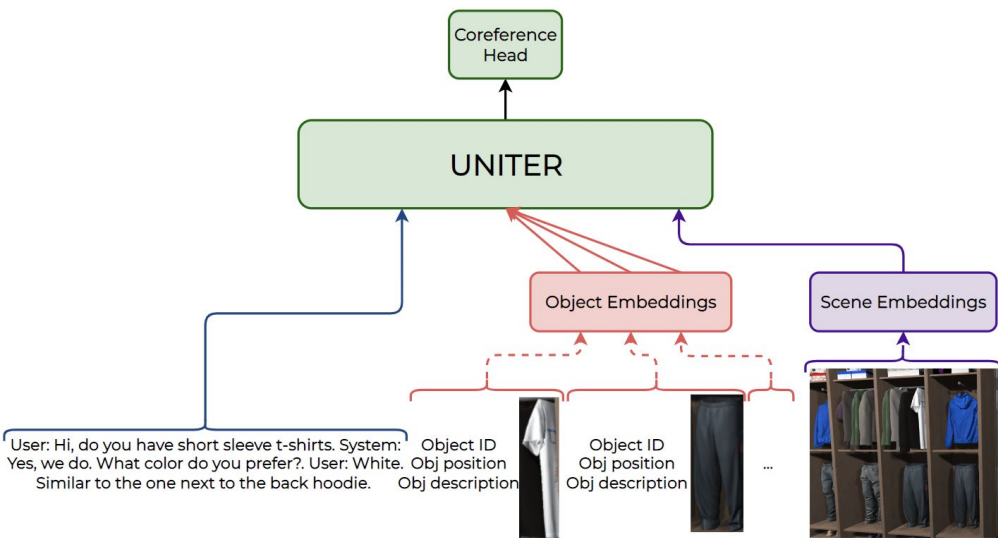
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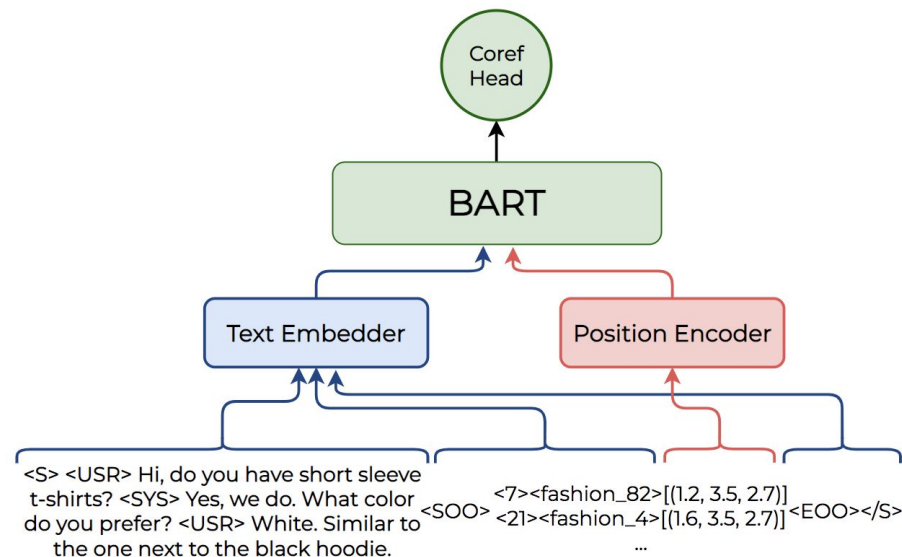
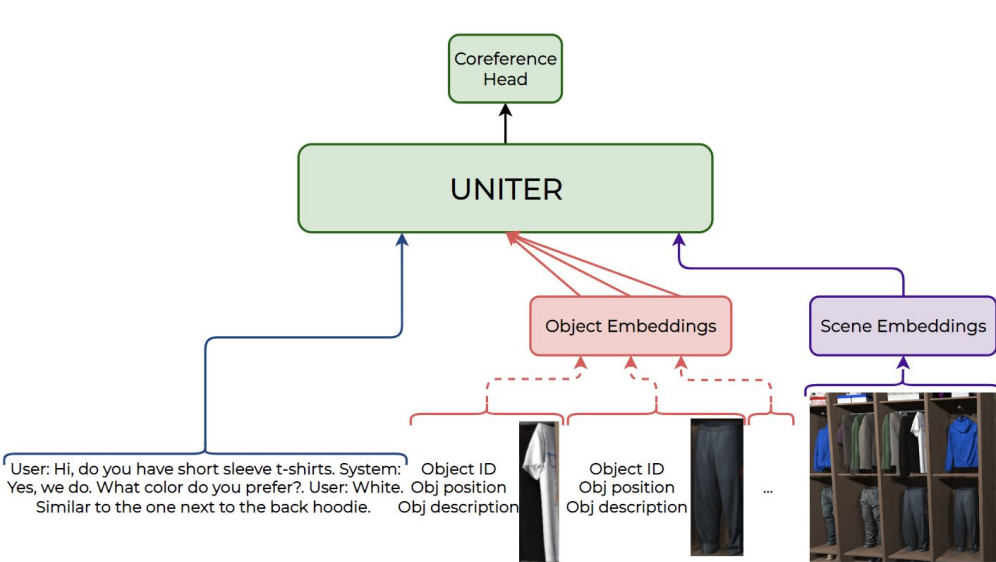
Two state-of-the-art reviewed models

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- Multimodal input transformer
- Reported performance: 0.734 F1-score

Two state-of-the-art reviewed models



- Multimodal input transformer
- Reported performance: 0.734 F1-score

- Natural language transformer
- Reported performance: 0.743 F1-score

Thank you for your attention

Feel free to ask anything in the
poster presentation