

Pre-Presentation Notes

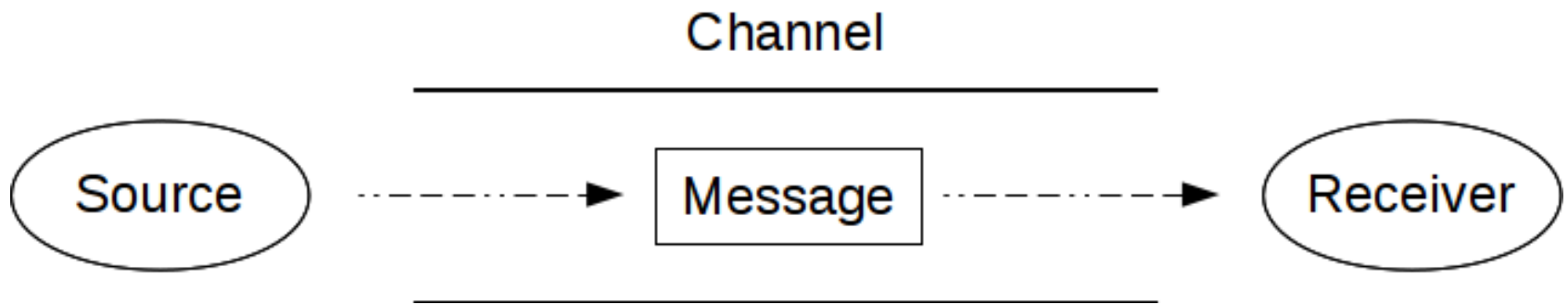
Slides and presentation materials are available online at:

karlwiegand.com/chi2014

What is the Goal?

- Make AAC more intelligent and personalized
 - "Intelligent" meaning:
 - User-specific
 - Adaptive
 - Context-sensitive
-

Why?







































































































- Current AAC is a relatively passive channel
 - Mostly just "customizable"
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How?

By addressing some common assumptions:

1. Prescribed Order
 2. Intended Set
 3. Discrete Entry
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One Example: SymbolPath

 brother	 that	 drink	 like	 thank	 bathroom	 game	 movie	 water	 more
 dad	 they	 eat	 listen	 think	 bed	 gift	 news	 window	 my
 doctor	 this	 feel	 love	 try	 blanket	 woman	 night	 beautiful	 really
 friend	 we	 give	 need	 use	 book	 home	 phone	 cold	 right
 he	 you	 go	 play	 visit	 coffee	 it	 school	 good	 sad
 i	 am	 hear	 read	 want	 computer	 job	 time	 happy	 sorry
 mom	 are	 help	 see	 watch	 day	 lunch	 today	 hard	 thirsty
 she	 buy	 hurt	 sleep	 wish	 dinner	 machine	 tomorrow	 hot	 tired
 sister	 call	 is	 talk	 write	 dog	 me	 tv	 hungry	 wrong
 someone	 dress	 know	 tell	 back	 food	 medicine	 up	 long	 your

"I need more coffee."

Workshop Ideas

- Are there other problematic assumptions?
- Would a common AAC framework help?

Thank you for listening!



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