Command Parser

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<expr>::= <search> | <wiki\_weather> | <joke>

<search>::= <LOOK\_UP> <TERM> | <SEARCH\_UP> <TERM>

<joke>::= <TELL\_ME><A\_JOKE>

<wiki\_weather>::= <wiki> | <weather>

<wiki>::= <WHAT\_IS><TERM> | <WHAT\_IS><a\_an>

<weather>::=<WHAT\_IS> <THE\_WEATHER> <Tail> | <TELL\_ME> <THE\_WEATHER><Tail>

<a\_an>::= “a” <TERM>| “an” <TERM>

<WHAT\_IS>::= “what is” | “what’s”

<TELL\_ME> ::= “tell me”

<LOOK\_UP>::= “look up”

<SEARCH\_UP>::= “search up”

<A\_JOKE>::= “a joke”

<THE\_WEATHER>::= “the weather”

<Tail>::= “today” | “outside” | “outside today” | Nul

<TERM>::= a string