

Request #: HUTRR119  
Title: Contextual Assistance  
Spec Release: 1.7  
Requester: Jingyuan Liang  
Company: Google LLC

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Current Status: In Review  
Priority: Normal  
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Required Voter: Microsoft  
Required Voter: Logitech  
Required Voter: Apple  
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Voting Begins: 2<sup>nd</sup> March 2026  
Voting Ends: 9<sup>th</sup> March 2026  
Voting Result: Approved (6-0)

**Summary:**

Adding new Usages to the Consumer Page to assist contextual usages.

**Background/Scenario:**

The rise of operating systems featuring integrated Large Language Models (LLMs) has created a demand for novel, contextual methods of interacting with AI agents. These interactions require specialized triggers from custom peripherals, including dedicated buttons on keyboards and mice.

The existing Desktop Assistant Usage (HUTRR89) provides a usage for launching desktop assistant applications. However, its broad scope fails to address the nuances of modern AI workflows. It lacks the precision needed for specialized functions, such as invoking an AI agent to act upon user-selected content or initiating an assistive insertion experience within a specific active context.

This request proposes new usages for AI agent interactions, allowing Operating Systems to be able to route AI-related intents natively, eliminating the current dependence on proprietary drivers or keyboard macros.

**Proposal:**

Add to Table 15.1: Consumer Page

Usage ID	Usage Name	Usage Type
0x1CC	AL Action on Selection	Sel
0x1CD	AL Contextual Insertion	Sel
0x1CE	AL Contextual Query	Sel

Add to 15.15 Application Launch Buttons

Usage Name	Usage Type	Description
AL Action on Selection	Sel	Invoke a handler to perform an action on the content currently selected by the user (e.g., highlighted text, active image, or selected file) or prompt users to select and pass the current selection to a specified process for execution.  Example flows include:- <ul style="list-style-type: none"><li>• 'Click-to-Explain'</li><li>• 'Click-to-Summarize'</li><li>• 'Click-to-select-to-search'</li></ul>
AL Contextual Insertion	Sel	Trigger a contextual overlay that enables the user to search, retrieve, and generate content for immediate insertion into the active focused element.
AL Contextual Query	Sel	Trigger contextual suggestions on active or hovered screen elements (e.g. an image or a paragraph) to discover available actions.



## Sample Descriptor:

```
0x05, 0x0C,          // UsagePage(Consumer[0x000C])
0x09, 0x01,          // UsageId(Consumer Control[0x0001])
0xA1, 0x01,          // Collection(Application)
0x85, 0x01,          // ReportId(1)
0x0A, 0xCC, 0x01,    // UsageId(AL Action on Selection[0x01CC])
0x0A, 0xCD, 0x01,    // UsageId(AL Contextual Insertion[0x01CD])
0x0A, 0xCE, 0x01,    // UsageId(AL Contextual Query[0x01CE])
0x15, 0x01,          // LogicalMinimum(1)
0x25, 0x03,          // LogicalMaximum(3)
0x95, 0x01,          // ReportCount(1)
0x75, 0x02,          // ReportSize(2)
0x81, 0x00,          // Input(Data, Array, Absolute, NoWrap, Linear, PreferredState,
NoNullPosition, BitField)
0x75, 0x06,          // ReportSize(6)
0x81, 0x03,          // Input(Constant, Variable, Absolute, NoWrap, Linear,
PreferredState, NoNullPosition, BitField)
0xC0,                // EndCollection()
```