Virtual Keyboard Control

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Objective & Agenda

Objectives
• Build Consensus on Outstanding Issues
  • Is `navigator` the right place? · Issue #387 · MicrosoftEdge/MSEdgeExplainers (github.com)
  • Relationship with `VisualViewport` · Issue #389 · MicrosoftEdge/MSEdgeExplainers (github.com)
  • We should be precise about how show/hide relies on user activation · Issue #331 · MicrosoftEdge/MSEdgeExplainers (github.com)
• Identify New Issues
• Find a Spec Collaborator 😊

Agenda
• Presentation and Demo with Q&A
  • Adapting Layout
  • Controlling Visibility
• Issues Discussion
Adapting Layout to the Virtual Keyboard
UX Can Be Improved

- Wastes space
- Unwanted panning
<style>
.action-bar {
  position: fixed;
}
@media (spanning: single-fold-vertical) {
  @media (env(keyboard-inset-left) >= env(fold-right)) {
    .action-bar {
      bottom: env(keyboard-inset-height, 0);
    }
  }
}
</style>
<script>
  navigator.virtualKeyboard.overlaysContent = true
</script>
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    position: fixed;
  }
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Controlling Visibility of the Virtual Keyboard

(DEMO)
Summary / Q&A

• Hide/show APIs to control Virtual Keyboard visibility
• Opt-in to not change viewports when Virtual Keyboard is shown
• New event and env variables to use in adapting layout
Issues for Discussion

• Is `navigator` the right place? · Issue #387 · MicrosoftEdge/MSEdgeExplainers (github.com)

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• We should be precise about how show/hide relies on user activation · Issue #331 · MicrosoftEdge/MSEdgeExplainers (github.com)
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