

Creating an Auxiliary Schema

This article describes how to use the Infusion [Preferences Framework](#) to create an [Auxiliary Schema](#), a JSON document that defines how panels are combined in a preferences editor. This is part of the [Tutorial - Creating a Preferences Editor Using the Preferences Framework](#).

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See Also

- [Understanding Infusion Components](#)
- [Component Grades](#)
- [IoC - Inversion of Control](#)
- [Renderer](#)
- [Infusion Framework Best Practices](#)

The auxiliary schema defines the panels and enactors to be used for the preferences defined in the primary schema.

An auxiliary schema includes two parts:

1. Several [top-level members](#), defining globally-used values, and
2. [One object per preference](#), defining the specific requirements for that preference.

For detailed information about what members are required and permitted in an auxiliary schema, see [Auxiliary Schema for Preferences Framework](#).

Example: UI Options preferences

The following example shows the auxiliary schema that would be used for the preferences defined in the [primary schema](#) example above.

```
fluid.defaults("fluid.prefs.auxSchema.starter", {
  gradeNames: ["fluid.prefs.auxSchema", "autoInit"],
  auxiliarySchema: {
    // The global values:
    "namespace": "fluid.prefs.constructed",
    "templatePrefix": "../.../framework/preferences/html/", // The
common path to settings panel templates
    "template": "%prefix/SeparatedPanelPrefsEditor.html",
    "messagePrefix": "../.../framework/preferences/messages/",
    "message": "%prefix/prefsEditor.json",

    // The preference-specific information:
    "lineSpace": {
      "type": "fluid.prefs.lineSpace",
      "enactor": {
        "type": "fluid.prefs.enactors.lineSpace",
        "fontSizeMap": {
          "xx-small": "9px",
          "x-small": "11px",
```

```

        "small": "13px",
        "medium": "15px",
        "large": "18px",
        "x-large": "23px",
        "xx-large": "30px"
    }
},
"panel": {
    "type": "fluid.prefs.panels.lineSpace",
    "container": ".flc-prefsEditor-line-space", // the css
selector in the template where the panel is rendered
    "template": "%prefix/PrefsEditorTemplate-lineSpace.html",
    "message": "%prefix/lineSpace.json"
}
},
"textFont": {
    "type": "fluid.prefs.textFont",
    "classes": {
        "": "",
        "Times New Roman": "fl-font-uio-times",
        "Comic Sans": "fl-font-uio-comic-sans",
        "Arial": "fl-font-uio-arial",
        "Verdana": "fl-font-uio-verdana"
    },
    "enactor": {
        "type": "fluid.prefs.enactors.textFont",
        "classes": "@textFont.classes"
    },
    "panel": {
        "type": "fluid.prefs.panels.textFont",
        "container": ".flc-prefsEditor-text-font", // the css
selector in the template where the panel is rendered
        "classnameMap": {"textFont": "@textFont.classes"},
        "template": "%prefix/PrefsEditorTemplate-textFont.html",
        "message": "%prefix/textFont.json"
    }
},
"tableOfContents": {
    "type": "fluid.prefs.tableOfContents",
    "enactor": {
        "type": "fluid.prefs.enactors.tableOfContents",
        "tocTemplate": "../../../../../components/tableOfContents/html
/TableOfContents.html"
    },
    "panel": {
        "type": "fluid.prefs.panels.layoutControls",
        "container": ".flc-prefsEditor-layout-controls", // the
css selector in the template where the panel is rendered
        "template": "%prefix/PrefsEditorTemplate-layout.html",
        "message": "%prefix/tableOfContents.json"
    }
}
}

```

```
    }  
  });  
};
```

Example: Video Player captions and transcripts preferences

The following example shows the auxiliary schema that would be used by the Video Player to add extra panels to Preferences Editor for the preferences defined in the [primary schema](#) above.

```
fluid.videoPlayer.auxSchema = {  
  "namespace": "fluid.prefs.vp",  
  "template": "../html/SeparatedPanelPrefsEditor.html",  
  "templatePrefix": "../lib/infusion/framework/preferences/html/",  
  "messagePrefix": "../lib/infusion/framework/preferences/messages/",  
  captions: {  
    type: "fluid.videoPlayer.captions",  
    panel: {  
      type: "fluid.videoPlayer.panels.captionsSettings",  
      container: ".flc-prefsEditor-captions-settings",  
      template: "../html/MediaPanelTemplate.html",  
      message: "../messages/captions.json"  
    }  
  },  
  captionLanguage: {  
    type: "fluid.videoPlayer.captionLanguage",  
    panel: {  
      type: "fluid.videoPlayer.panels.captionsSettings"  
    }  
  }  
  transcripts: {  
    type: "fluid.videoPlayer.transcripts",  
    panel: {  
      type: "fluid.videoPlayer.panels.transcriptsSettings",  
      container: ".flc-prefsEditor-transcripts-settings",  
      template: "../html/MediaPanelTemplate.html",  
      message: "../messages/transcripts.json"  
    }  
  },  
  transcriptLanguage: {  
    type: "fluid.videoPlayer.transcriptLanguage",  
    panel: {  
      type: "fluid.videoPlayer.panels.transcriptsSettings"  
    }  
  }  
};
```