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package fi.paatti.research.paattiapplication.views.userview;

import com.vaadin.addon.tableexport.ExcelExport;
import com.vaadin.data.Item;
import com.vaadin.data.util.sqlcontainer.SQLContainer;
import com.vaadin.ui.Button;
import com.vaadin.ui.Button.ClickEvent;
import com.vaadin.ui.Table;
import com.vaadin.ui.VerticalLayout;
import fi.paatti.paattidatabasutils.names.PaattiColumnNames;
import fi.paatti.research.paattiapplication.ElementNames;
import fi.paatti.research.paattiapplication.views.ApplicationView;
import fi.paatti.research.paattiapplication.views.ApplicationViewTab;

/**
 * The tab shows the user's current event history data.
 */
 * @author Tapio Keränen, t.tapio.keranen@student.jyu.fi
 */
public class UserEventHistoryTab extends ApplicationViewTab {

    private Table userEventDataTable;
    private Button exportButton;

    /**
     * Constructor of the class.
     *
     * @param view the parent view.
     */
    public UserEventHistoryTab(ApplicationView view) {
        super(view);
        createLayout();
    }

    /**
     * {@inheritDoc}
     */
    @Override
    protected void createLayout() {
        userEventDataTable = new Table();
        userEventDataTable.setSizeFull();

        exportButton = new Button(ElementNames.USER_VIEW_EVENTDATA_EXPORT_BUTTON_LABEL);
        exportButton.addListener(this);
    }
}
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exportButton.setWidth("100%");

VerticalLayout layout = new VerticalLayout();

layout.setMargin(true);
layout.addComponent(userEventDataTable);
layout.addComponent(exportButton);

setCompositionRoot(layout);

/**
 * {@inheritDoc}
 */
@Override
protected void fillTab(Item user) {
    SQLContainer eventHistory = view.getConnection().getUserEventData(
        user.getItemProperty(PaattiColumnNames.USER_USERID));

    userEventDataTable.setContainerDataSource(eventHistory);
    setEnabled(true);
}

/**
 * {@inheritDoc}
 */
@Override
protected void clearTab() {
    userEventDataTable.setContainerDataSource(null);
    setEnabled(false);
}

/**
 * {@inheritDoc}
 */
@Override
public void buttonClick(ClickEvent event) {
    Object userId = view.getSelectedItemId();

    ExcelExport excelExport = new ExcelExport(userEventDataTable);

    excelExport.excludeCollapsedColumns();
    excelExport.setReportTitle("Tapahtumasuoritushistoria, userId: " + userId);
    excelExport.setExportFileName("tapahtumasuoritushistoria_userId_ " + userId);
    excelExport.export();
}
```

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}
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