Use Cases
1. **Workflows hosted in the server**
   Since there are several users, there is a big probability of a simultaneous usage of a workflow. Can cause collision.

2. **DXPs hosted in the library**
   Users don’t necessarily know what KNIME is doing or how it works at all—Connector can be triggered from Web Player version as well.

3. **Authentication to the workflow**
   Spotfire stores the credential of the author of the data function, but it is not necessarily identical to the author of the workflow.
1. **Workflows hosted in the server**
   Since there are several users, there is big probability of a simultaneous usage of a workflow. Can cause collision

2. **DXPs hosted in the library**
   Users don’t necessarily know what KNIME is doing or how it works at all—Connector can be triggered from Web Player version as well

3. **Authentication to the workflow**
   Spotfire stores the credential of the author of the data function, but it is not necessarily identical to the author of the workflow
The following short demo case triggers three workflows.
Uploaded workflows on KNIME server.
Data Function to access the workflows on the server.
To access workflows on the KNIME server and the workflow repository folder, the connector needs credentials. Authentication is possible to the KNIME server or a specific folder.
Select the uploaded workflows from the server.
The Session ID feature: in the connector you can choose from among session types: User; Unique; None. Adding session ID prevents collisions (simultaneous usage).
The Session ID feature is append the username or a unique ID to the output files. This prevents collision while being run by multiple users.
1. Workflows hosted in the server
Since there are several users, there is a big probability of a simultaneous usage of a workflow. Can cause collision.

2. DXP hosted in the library
Users don’t necessarily know what KNIME is doing or how it works at all—Connector can be triggered from Web Player version as well.

3. Authentication to the workflow
Spotfire stores the credential of the author of the data function, but it is not necessarily identical to the author of the workflow.
Spotfire Professional Version: Action button to execute our Data Functions.
Spotfire Web Player version: After we uploaded the DXP to the SPF Library we can’t edit the Data Functions anymore, but we can execute the workflows from the KNIME server anytime by clicking the radio button.
Use Cases

1. Workflows hosted in the server
   Since there are several users, there is big probability of a simultaneous usage of a workflow. Can cause collision

2. DXP hosted in the library
   Users don’t necessarily know what KNIME is doing or how it works at all—Connector can be triggered from Web Player version as well

3. Authentication to the workflow
   Spotfire stores the credential of the author of the data function, but it is not necessarily identical to the author of the workflow
Use Case: Authentication to the workflow

Setup:
SPF stores the credentials of the author of the data function. The KNIME workflow is triggered by the name of this user.

Planned InfomatiX backlog for Q2:
1. In case the author/current user of the data function is different from the author/authorized user of the KNIME workflow, the connector requests password
2. Enable Windows AD authentication and user grouping
3. When authentication within KNIME workflow (eg. data source auth), then one of the two options above triggered
Thank you