

Dynamic DML generation through PDL

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Quick Connect Profiles

```
/home( 0 ) >cat FDL.txt
column1 column2 column3 col_var col_va2 col_va3 col_va4 col_va5 col_va6
a      b      c      dl      e1      d2      e2      d3      e3
a      b      c      dl      e1      d2      e2      d3      e3
a      b      c      dl      e1      d2      e2      d3      e3
/home( 0 ) >
```

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Help

PDL.mp

Parameters:

Name	Value
INPUT_FILE_READ	<code>\$[string_split(read_file("/home/PDL.txt"), "\n")]</code>
INPUT_FILE_LINE	<code>\$(head -1 /home/PDL.txt)</code>
INPUT_FILE_LENGTH	<code>\$(length_of(string_split(INPUT_FILE_LINE, "\r")))</code>
DML	<code>\$(begin let decimal("") l=1; let string("") r; let string("") e="record\n"; let string("")[int] temp_colm_vec=string_split(DML,</code>

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Attribute	Value
Type	String
Input	<input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
Kind	Keyword
Location	Embedded
Interpretation	PDL

Resolved value:

```
[vector  
"column1\tcolumn2\tcolumn3\tcol_var\tcol_va2\tcol_va3\tcol_va4\tcol_va5\tcol_va6",  
"a\tb\tc\td1\te1\td2\te2\td3\te3",  
"a\tb\tc\td1\te1\td2\te2\td3\te3",  
"a\tb\tc\td1\te1\td2\te2\td3\te3",  
""]
```



Activ

PDL.mp ▾

Parameters:

Name	Value
▶ INPUT_FILE_READ	<code>\$(string_split(read_file("/home/PDL.txt"), "\n"))</code>
▶ INPUT_FILE_LINE	<code>\$(head -1 /home/PDL.txt)</code>
▶ INPUT_FILE_LENGTH	<code>\$(length_of(string_split(INPUT_FILE_LINE, "\t")))</code>
▶ DML	<code>\$(begin let decimal("") l=1; let string("") r; let string("") e="record\n"; let string("")[int] temp_colmn_vec=string_split(INPUT_FILE</code>

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Attributes:

Attribute	Value
Type	String
Input	<input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
Kind	Keyword
Location	Embedded
Interpretation	PDL

Description:

Resolved value:

column1 column2 column3 col_var col_va2 col_va3 col_va4 col_va5 col_va6

PDL.mp ▾

Parameters:

Name	Value
▶ INPUT_FILE_READ	<code>\$(string_split(read_file("/home/PDL.txt"), "\n"))</code>
▶ INPUT_FILE_LINE	<code>\$(head -1 /home/PDL.txt)</code>
▶ INPUT_FILE_LENGTH	<code>\$(length of(string_split(INPUT_FILE_LINE, "\t")))</code>
▶ DML	<code>\$(begin let decimal("") l=1; let string("") r; let string("") e="record\n"; let string("")[int]</code>

Attributes:

Type	String
Input	<input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
Kind	Keyword
Location	Embedded
Interpretation	PDL

Description:

Resolved value:

9

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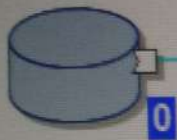
File Edit View Help



```
1 $[begin
2
3 let decimal("") l=1;
4 let string("") r;
5 let string("") e ="record\n";
6
7 let string("")[int] temp_colmn_vec=string_split(INPUT_FILE_LINE, "\t");
8 for(l, l<INPUT_FILE_LENGTH-1)
9
10 $begin
11 e=string_concat(e, 'string("\t")', " ", temp_colmn_vec[l], ";", "\n");
12
13 string_concat(e, string("\n"), " ", temp_colmn_vec[l], ";", "\n");
14 result::string_concat(r, "end");
15 end]
```

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Input
File



0

4 rec

Redefine
Format



0

4 rec

Trash



0

View Data: flow Input File.read to Redefine Format.in

File Edit View Help

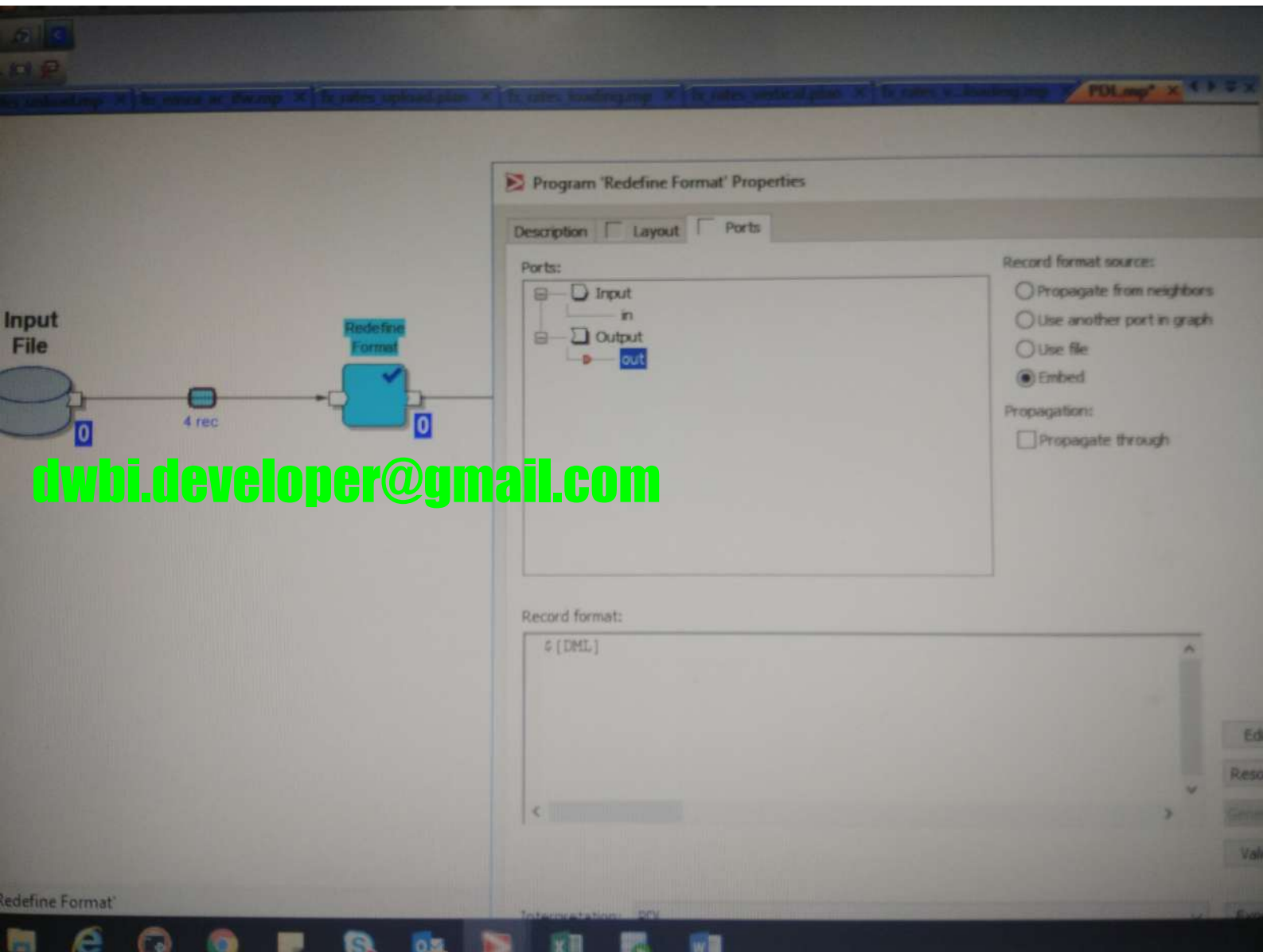
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Go ☐ Clear Display

abc

1	column1\tcolumn2\tcolumn3\tcol_var\tcol_va2\tcol_va3\tcol_va4\tcol_va5\t...
2	a\tb\tc\td1\te1\td2\te2\td3\te3
3	a\tb\tc\td1\te1\td2\te2\td3\te3
4	a\tb\tc\td1\te1\td2\te2\td3\te3
[EOF]	

File

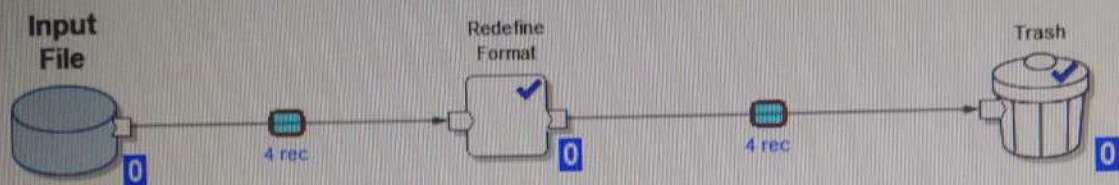



```
1 record
2   string("\t") column1;
3   string("\t") column2;
4   string("\t") column3;
5   string("\t") col_var;
6   string("\t") col_va2;
7   string("\t") col_va3;
8   string("\t") col_va4;
9   string("\t") col_va5;
10  string("\n") col_va6;
11 end
```

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```
/home( 0 ) >cat PDL.txt
column1 column2 column3 col_var col_va2 col_va3 col_va4 col_va5 col_va6 col_va7 col_va8
a      b      c      dl      e1      d2      e2      d3      e3      d4_new e4_new
a      b      c      dl      e1      d2      e2      d3      e3      d4_new e4_new
a      b      c      dl      e1      d2      e2      d3      e3      d4_new e4_new
/home( 0 ) >
```

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File Edit View Debug Help

PDLinput.pset PDLimp

Parameters (31 project overrides):

Name	Value
▶▶ INPUT_FILE_READ	<code>\${string_split(read_file("/home/PDL.txt"), "\n")}</code>
▶▶ INPUT_FILE_LINE	<code>\$(head -1 /home/PDL.txt)</code>
▶▶ INPUT_FILE_LENGTH	<code>\${length_of(string_split(INPUT_FILE_LINE, "\n"))}</code>
▶▶ DML	<code>\$(beginlet decimal("") l=1; let string("") r; let string("") e ="record\n"; let string("")[nt] temp_column_vec=string_split(INPUT_FILE_LINE, "\t");for (j<INPUT_FILE_LENGTH-1)begin e=string_conca</code>

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Attributes:

Attribute	Value
Type	String
Input	<input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
Kind	Keyword
Location	Embedded
Environment Key	no

Description:

Resolved value:

column1	column2	column3	col_var	col_va2	col_va3	col_va4	col_va5	col_va6	col_va7	col_va8
---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

INPUT_FILE_READ	<code>\${string_split(read_file("/home/PDL.txt"), "\n")}</code>
INPUT_FILE_LINE	<code>\$(head -1 /home/PDL.txt)</code>
INPUT_FILE_LENGTH	<code><u>\${length_of(string_split(INPUT_FILE_LINE, "\n"))}</u></code>
DML	<code>\$(beginlet decimal("") l=1; let string("") r; let string("") e="record\n"; let string("")[int] temp_colmn_vec=string_split(INPUT_FILE_LINE, "\n"); for (j, l<INPU</code>

Attributes:

Attribute	Value
Type	Input <input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
Kind	Keyword
Location	Embedded
Interpretation	PDL
Overridable	<input checked="" type="checkbox"/>

Description:

Resolved value:

11

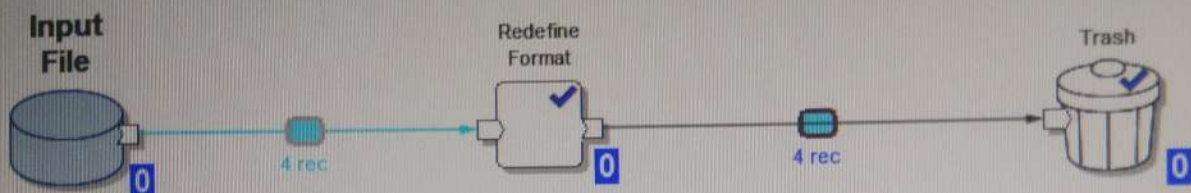
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Parameters (TI project overrides):	
Name	Value
INPUT_FILE_READ	<code>\$(string_split(read_file("/home/POL.txt"), "\n"))</code>
INPUT_FILE_LINE	<code>\$(head -1 /home/POL.txt)</code>
INPUT_FILE_LENGTH	<code>\$(length_of(string_split(INPUT_FILE_LINE, "\n")))</code>
END	<code>FILE LINE "\n"; for(i=1; i<INPUT_FILE_LENGTH; i++) begin e=string_concat(e, string("\t", "temp_colms_vec[i], "\n"); end; e=string_concat(e, string("\n", "temp_colms_vec[i], "\n"); end; end</code>

Attributes	Description
Contributed	
Type	String
Input	<input checked="" type="checkbox"/>
Required	<input checked="" type="checkbox"/>
Export to Environment	<input type="checkbox"/>
End	Keyword
Location	Embedded
Interpretation	POL
Overridable	<input checked="" type="checkbox"/>

Resolved value:
record
string("\t") column1:
string("\t") column2:
string("\t") column3:
string("\t") col_var:
string("\t") col_va2:
string("\t") col_va3:
string("\t") col_va4:
string("\t") col_va5:
string("\t") col_va6:
string("\t") col_va7:
string("\n") col_va8:
end

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View Data: flow Input File.read to Redefine Format.in

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abc

1	column1\tcolumn2\tcolumn3\tcol_var\tcol_va2\tcol_va3\tcol_va4\tcol_va5\tcol_va6\tcol_va7\tcol_va8
2	a\tb\tc\td1\te1\td2\te2\td3\te3\td4_new\te4_new
3	a\tb\tc\td1\te1\td2\te2\td3\te3\td4_new\te4_new
4	a\tb\tc\td1\te1\td2\te2\td3\te3\td4_new\te4_new

{EOF}

For Help, p

