

## What is Dynamic Data Flow Coverage?

Dynamic Data Flow Coverage is a powerful technique which analyses the control flow trace originating from the last execution run of the software application under test and uses this information to generate a report which details exactly which variables were utilised at run time.

Variable usage is traced across procedure and file boundaries and coverage information is accumulated with the use of measures detailing current and combined totals.

Dynamic Data Flow Coverage contains a filter interface that enables the user to narrow the scope of the report to only include variables whose names adhere to a specified criteria.

```

*****
***** LDRA Testbed (M) Dynamic Data Flow Coverage Report *****
***** Set : ddfact *****
*****
*****
Dynamic Data Flow Table
-----
=====
VARIABLE ALIAS FILE PROCEDURE TYPE ATTRIB. USED OR LINES...
=====
k ddf_test1 main L 88
L M 32 ( 34)
L D 30
ext_x ddf_test1 ext_prool F 18
F M ( 30)
z ddf_test1 prool F 62
F M 71 *****
77
-----
j ddf_test1 main L 87
L M 32 34
L D 30
ext_y ddf_test1 ext_prool F 18
F M 24
y ddf_test1 prool F 61
F M ( 60)
-----
i ddf_test1 main L 86
L M 32 34 35
L D 30
p3 ddf_test1 proo_p_ell F 43
F O 45
F M 45
ext_x ddf_test1 ext_prool F 17
F M 23
x ddf_test1 prool F 60
F M 66 67

```

Dynamic Data Flow Analysis contains a filter interface that enables the user to narrow the scope of the report to only include variables whose names adhere to specified criteria. The analysis can be performed on a single file, across a system (only as a system result) or across a group (only as an individual result).

## Obtaining Further Information

For further information on this particular feature of TBsafe and its availability please complete: the [LDRA reply form](#) or email [info@ldra.com](mailto:info@ldra.com).



Certificate Number FM 26376

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