| LCOV - code coverage report |
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| | Current view: | [top level](http://docs.google.com/index.html) - [Calculators/src](http://docs.google.com/index.html) - DXPCalculator.cpp (source / [functions](http://docs.google.com/DXPCalculator.cpp.func.html)) |  |  | Hit | Total | Coverage | | --- | --- | --- | --- | --- | --- | --- | | Test: | EBM9K Converter Coverage Report |  | Lines: | 10 | 10 | 100.0 % | | Date: | 2012-03-23 |  | Functions: | 2 | 2 | 100.0 % | | Legend: | Lines: hit not hit | Branches: + taken - not taken # not executed |  | Branches: | 4 | 6 | 66.7 % | |  | |
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| Branch data Line data Source code  1 : : #include "DXPCalculator.h"  2 : : #include "UnitConversion.h"  3 : :   4 : : namespace nft {  5 : : int16\_t  6 : : DXPCalculator::calculateDxpValue( const LongPosition & subField,  7 : : const KBRMap \* kbrMap,  8 : : const sgs\_kbr\_param\_t &kbrParams) throw()  9 : 2156 : {  10 : 2156 : double originX = micronToAU(kbrParams.map.pos\_x); //origin of DXP map  11 : 2156 : double originY = micronToAU(kbrParams.map.pos\_y); //origin of DXP map  12 : : double positionX = (static\_cast<double>(subField.getX()) - originX)  13 : 2156 : / micronToAU(kbrParams.map.mesh\_size\_x);  14 : : double positionY = (static\_cast<double>(subField.getY()) - originY)  15 : 2156 : / micronToAU(kbrParams.map.mesh\_size\_y);  16 : :   17 [ + + ]: 2156 : uint64\_t indexX = static\_cast<uint64\_t>(positionX);  18 [ + + ][ # # ]: 2156 : uint64\_t indexY = static\_cast<uint64\_t>(positionY);  19 : :   20 : 2156 : return kbrMap->getReader()->get( indexY, indexX ); //column, row  21 : : }  22 : 1215 : } |

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| Generated by: [LCOV version 1.9](http://ltp.sourceforge.net/coverage/lcov.php) |