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| --- | --- | --- | --- |
|  | static types | tag objects | dual mode |
|  |  |  |  |
| pass |  |  |  |
| ct object | template parameter | plain parameter (tag) | plain parameter (stored) |
| store | class | class (passed implicitly) | object reference |
| rt object | not possible? | not possible? | plain parameter (stored) |
| ct value (’20) | template parameter | plain parameter (tag) | plain parameter |
| ctv calculation | only functional (’20) | functional and infix (’20) | functional and infix |
| rt value | plain parameter | plain parameter | plain parameter |
|  |  |  |  |
| objects |  |  |  |
| at caller | none | must be created | must be created |
| lifetime | n.a. | no problem | can be UB |
| at callee | p::init() | n.a. | store reference |
|  |  |  |  |
| call syntax | p::set( 1 ) | p::set | p.set( 1 ) |
| composition | plain f< g< p >> | plain f( g ( p ))  looks suspicious? | auto x = g ( p )  f( x ) |
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