C++ inheritance and polymorphism: object_t (lab11)

Wednesday, October 20, 2010 8:59 AM

- previously, we had: Colkie type materill priv material_t isa point void & priv not needed in C++, not cally ever neeped à Cather typeday struct ? Int wolkie, cha thome, motional to mot? s drjutt; typedel struct & child points to parent. object + parent; valt point,' vert usmuli) place, t; 1 LOD

place, t; harts he at top to work In menong? 'ulijent & obj' place_t & place,' djit to d16 in C++ have closs devive clan Wen you par the around fontes can "masquadle" to (cost) as drivent to > MIN U the consprial idea In (++

youdy OBJECT_H # duling OBJEG-H # defice 08J_ COOKIE 12345678 clan sh, ect-t public. 11 constructor U com construtor 11 Instructor 11 aniquent operate friend sth: ONKand operator << (std: ostreen ds, const object + d 14) > rotan rhr.put(s)il Ilsin taly for std: 11strand mode >> (---) 11 define virtual function yet (what this, compiler say somethy like vivial std:; optional put (std:: ostron x 5) court; " put funter ignore coult" Virtual dashle hits (court vec-to, const vec-th); - I want devival classes to overload HAU - no function Il hote mentras pointer needel Sant protected: mun, that these date wendows are inherited wl (m by devived classes COOKIE; oradaul INF stel:) string type; (if private wouldn't

Unjet t Wednesday, October 20, 2010 9:32 AM # judy PLANE H plane_t # defun plane. H Serviced from this parent dan plance ti public object 11 constructor (ally sets values for our dette pullis: plane t (rtd:: strug token): Object-t (token), / 11 call Stjett constructor ndoty (0.0) \ 5 5; Il copy constrate (drom 1+ priet to get have clan to copy ital)

11 destruto (default of/

11 anyourt of.

11 freil pH (stl:: Osten & s) const; std: optiend get (std: 1 pt und 5) / sthi itren &

double hit/(---)

private: Keep à muil Hont place_t also "has" Vli-t normal; væt ronti dovele udote: Mpa, voue, coorie, meterul

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- in Objet. cpp: stli orten 2 objett-t :: put (stdi: orten 25) const ? Il putant type, tune, 's', matternel stil: ordrea & plane t:: pt (stil: ostrea & s) const - in plane . upp: Object-t: put (5); 11 calls parent's put 11 point out normal, yout, 3 planet: i hiti (and vee to pig const ver to div) Salle

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man.cpr: [1st_t mats, drjs; object_t tob; (token == "materiel") { (token == "materiel") { (token == "materiel") [(token == "materiel") [(token == "materiel") man.cpr? In }
(token == "plane")
{
(token)
}
std::cin >> (obj = new planet(token)) ohgs.all((void+)0hi)) \$