

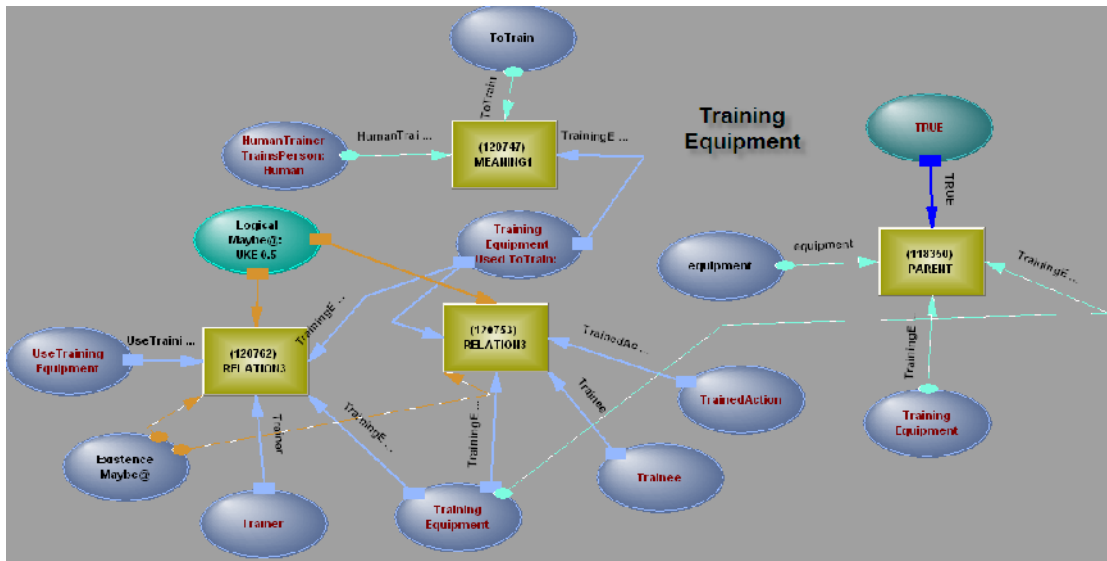
The Delivered Training Aircraft Build State

Delivered

Three things can be delivered – training, aircraft and state.

Training

This is an adjectival participle. There is nothing following training that can be trained, while aircraft is a child of equipment, which can be used to train, so we have “training aircraft”.



Build

Aircraft are things that are built, so that can be the object of the build relation.

State

Build is a child of process, which has a state as an attribute, so we can link “build” and “state”.

We end up with

“The state of build of the aircraft to be used for training, and that has/have been delivered”

We do not know the quantity of training aircraft, as “aircraft” can be singular or plural. If plural, there is the potential problem that all the aircraft may not have the same build state.

We can rule out “training” as a target for “delivered”. It then becomes immaterial whether the aircraft, with their associated build state, are delivered, or the build state is delivered – the closer one will be used.

Making Connections among the Objects

If we cycle through the words, checking for relations, we will find that “state” is a child of ToState. But this is a noun phrase, so we should only find relations where they are given by adjectival participles, such as “delivered”.

We then have a problem with “build”. “Build” is a verb. In the aircraft or software industries, one talks about “the build was successful” or “build 34” – meaning the act of building. We make a new meaning of “build” as a noun, with a meaning equivalent to ToBuild (we will need it to be one-directional, so ToBuild does not acquire the noun property). This allows us to have a relation from “build”, but not from “state”. “Aircraft build” is now the build of the aircraft.

The Process

We start with the last word in the noun phrase – “state”, as the last word is pivotal to the meaning. The only connection we find to the previous word is through ToProcess – there is a collocation – we build an ATTRIBUTES connection.

We now look for connections between “aircraft” and “build” and “aircraft” and “state”. We build the “build aircraft” relation.

A High Fidelity Computer Generated Three Dimensional Virtual Aircraft

We can make “virtual” a relation which produces an image of an object. Then “high fidelity” applies to sounds or images, and means similarity between the real object and the image. We can have a computer generate an image. The “computer generated” phrase needs to be specially handled, being within a noun phrase. “generated” is not a participial, but a past tense, with “virtual aircraft” as its object. “Three dimensional” is an adjective applying to the subject of the virtual relation.

“High fidelity” differs from a normal adjective like “red” in that it makes a comparison. An image is “high fidelity” in comparison with the original – the fidelity of the image to the original object, is high. How do we find the original object?

“virtual aircraft” creates a virtualized aircraft, or image, which replaces the original aircraft. “computer generated aircraft” also generates an image, so it is necessary to ensure they do not both operate – a computer generated image is not a new image, but the same one, with “computer generated” acting as an adjective.