

# Dabaversion 1 (documented)

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## 1 Introduction

The initial dabaversion 0 had only two dabarecords,  $\forall$  and  $\emptyset$ . Now I’ve added a few from a middle of nowhere, starting with *Albert Einstein*.

The dabarecords will be always added to the daba only one at the time—see the *chronological parsing* below. This approach makes it easy to control family relations (free of bugs). With every addition the whole daba’s family situation of the involved earlier dabarecords will get updated before any still newer dabarecord is added (but only relatively few dabarecords will be actively affected).

After you glance at the section *Dabaversion 1*, you may look at the next section *Chronological parsing*. Looking at these both section at the same time should be make the daba’s structure clear(er). In particular, you may look at the consecutive critical moments of dabarecord 0, then of the dabarecord 1, etc.

## 2 Dabaversion 1

(  
 ( 0 ( 2016-12-26 h.21:09 ) { [  $\forall$  ] all  $\bigvee$  } ( { } { 3 5 } ( { } { 1 } ) ) )  
 ( ( ) ( ( ( 2016-12-26 h.21:37 ) ( { } { +1 } ( { } { +1 } ) ) ) )  
 ( ( 2016-12-27 h.21:32 ) ( { } { -1 +2 } ( ) ) )  
 ( ( 2016-12-28 h.02:59 ) ( { } { +3 } ( ) ) )  
 ( ( 2016-12-28 h.06:01 ) ( { } { -2 +5 } ( ) ) )  
 ) ( ) ) )

( 1 ( 2016-12-26 h.21:37 ) { [  $\emptyset$  ] nic  $\bigwedge$  } ( { 4 } { } ( { } { 0 } ) ) )  
 ( ( ) ( ( ( 2016-12-27 h.21:32 ) ( { -0 +2 } { } ( ) ) ) )  
 ( ( 2016-12-28 h.02:59 ) ( { } { +3 } ( ) ) )  
 ( ( 2016-12-28 h.04:14 ) ( { } { -2 -3 +4 } ( ) ) )  
 ) ( ) ) )

( 2 ( 2016-12-27 h.21:32 ) { ( *Albert* [ *Einstein* ] ) } ( { 5 } { 4 } ( ) ) )  
 ( ( ) ( ( ( 2016-12-28 h.04:14 ) ( { } { -1 +4 } ( ) ) ) )  
 ( ( 2016-12-28 h.06:01 ) ( { -0 +5 } { } ( ) ) )  
 ) ( ( ( 2016-12-28 h.06:01 ) (  $\emptyset$  1879 ( *Albert* [ *Einstein* ] ) 1955  $\emptyset$  ) ) ) )

( 3 ( 2016-12-28 h.02:59 ) { [ *fiz* ] *phys* } ( { 0 } { 4 } ( ) ) )  
 ( ( ) ( ( ( 2016-12-28 h.04:14 ) ( { } { -1 +4 } ( ) ) ) )  
 ( ) ) )

( 4 ( 2016-12-28 h.04:14 ) { { ( *Albert* [ *Einstein* ] ) [ *fiz* ] } } ( { 2 3 } { 1 } ( ) ) )

( 5 ( 2016-12-28 h.06:01 ) { *hmn* } ( { 0 } { 2 } ( ) ) )  
 )

### 3 Chronological parsing

One may read this section (from its top to its bottom) to see what was happening to dabaversion 1 during its construction. Or you may read it from the bottom up to actually recreate one of the earlier stages of dabaversion 1 when it had fewer dabarecords. To go one or two dabarecords back would be perhaps a useful exercise.

#### 3.1 Dabaversion 0 status

Our start here is the dabaversion 0. It consists of two dabarecords 0 and 1, named  $\forall$  and  $\emptyset$ . The total family relation is described just by one inequality:

$$\emptyset < \forall$$

#### 3.2 Albert Einstein–moment 2016-12-27 h.21:32.

Now dabaversion 1 adds dabarecord 2, called *Albert Einstein*, at time 2016-12-27 h.21:32. At the same time the dabarecords 0 and 1 get updated to adjust their new family relations. The Einstein dabarecord 2 gets  $\forall$  as its parent, and  $\emptyset$  as its child. During the same moment dabarecord 0 gets rid of its child 1 (i.e.  $\emptyset$ ), and dabarecord 1 gets rid of its parent 0 (i.e.  $\forall$ ).

To summarize, the family relation looks like this:

$$\emptyset < \textit{Albert Einstein} < \forall$$

This–of course–implies an indirect relation  $\emptyset \ll \forall$  which visually indicates that dabarecord  $\forall$  is a grandparent of  $\emptyset$ , i.e.  $\emptyset$  is a grandchild of  $\forall$ .

**Details:** you can see in the dabalogs of  $\forall$  the removing -1 of child  $\emptyset$ ; and in the dabalogs of  $\emptyset$  the removing -0 of parent  $\forall$ . You can also see the respective additions of dabarecord 2.

At this moment it is easy to recreate the daba from before adding dabarecord 2 by undoing the changes noted in the dabalogs. In general, when you have the daba consisting of dabarecords 0 ...  $n-1$   $n$  then one can easily undo adding the last dabarecord  $n$ . Thus we would recreate the daba from dabarecord 0 all the way down to dabarecord  $n-1$ .

By removing the consecutive last dabarecord a required number of times, we can always recreate the daba from any past moment.

**NOTE:** *dabarecord 3 has only one dabaname and no dabayms (synonyms); this dabaname consists of two words: Albert Einstein (this is still ONE name in the sense of dabaname field).*

### 3.3 Physics–moment 2016-12-28 h.02:59.

The dabarecord 3 is physics under a dabaname *fiz* (dabaym *phys*) entered at time 2016-12-28 h.02:59. Dabarecords physics and Albert Einstein are not in any parent/child relation. Indeed, there is more Einstein than being just a physicist. Thus the only direct family relations are the old one and a new one:

$$\begin{aligned} \emptyset &< \textit{Albert Einstein} < \forall \\ \emptyset &< \textit{physics} < \forall \end{aligned}$$

### 3.4 Einstein’s physics–moment 2016-12-28 h.04:14.

This dabarecord 4 has no dabayms, it has only the dabaname which means *Einstein’s physics*–the respective dabaphrase is the only direct subphrase of the dabaname field, and it is

$$\{ ( \textit{Albert} [ \textit{Einstein} ] ) [ \textit{fiz} ] \}$$

Please, observe that of the two direct subphrases above it’s only dabagram *fiz* which is accented. The other subphrase, namely ( *Albert* [ *Einstein* ] ) is not accented despite the accent on *Einstein*. Indeed, this directed subdabaphraze is not surrounded by any accent. By the way, the whole dabaname field looks like this:

$$\{ \{ ( \textit{Albert} [ \textit{Einstein} ] ) [ \textit{fiz} ] \} \}$$

Dabarecord 4 has two parents: Einstein and physics (i.e. *fiz*–short for Polish *fizyka* which means *physics*). It has also one child, namely  $\emptyset$  (dabarecord 1). This time  $\forall$  (dabarecord 0) didn’t get (directly) involved. The direct family connections are now represented by the following two increasing paths:

$$\begin{aligned} \emptyset &< \textit{Einstein's physics} < \textit{Albert Einstein} < \forall \\ \emptyset &< \textit{Einstein's physics} < \textit{physics} < \forall \end{aligned}$$

### 3.5 Human (*hmn*) & Einstein's biographical info-moment 2016-12-28 h.06:01.

The dabarecord 5, human or according to the daba: *hmn*, got inserted between Einstein and  $\forall$ . At this early daba stage the dabarecord *hmn* has no other family relations (it will a lot in the future). The total logical daba picture looks as follows:

$$\emptyset < \textit{Einstein's physics} < \textit{Albert Einstein} < \textit{hmn} < \forall$$

$$\emptyset < \textit{Einstein's physics} < \textit{physics} < \forall$$

At the same time (moment 2016-12-28 h.06:01) certain biographical information about Albert Einstein was added near the end of dabarecord 2, namely a subdataphrase:

$$(\emptyset 1879 (\textit{Albert} [\textit{Einstein}]) 1955 \emptyset)$$

This provides year 1879 as the Einstein's birth date, and year 1955 as his death date.