# Exploring Word Formation Latin

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## What and Why?

- **Word Formation Latin (WFL)** is a derivational morphology resource for Classical Latin, where lemmas are analysed into their formative components, and relationships between them are established on the basis of **Word Formation Rules (WFRs).**
- **Missing language resource** for Latin
- **Derivation stands between morphology and semantics**
- **Different organisation of the lexicon**
- **Large scale exploration** $\Rightarrow$ **new theoretical considerations**

## Word Formation Rules

1. **Derivation:**
   a. **Affixal:**
      - Prefixal: duco $\Rightarrow$ con-duco.
      - Suffixal: amo $\Rightarrow$ am-o-abil-is.
   b. **Conversion:** bonus (Adj.) $\Rightarrow$ bonum (noun).

2. **Compounding:** formation of a new word from two (or more) existing words.
   *ager + colo = agricola*

## Lexical Basis

- **Lexmat:** morphological analyser and lemmatiser
- **Collated dictionaries (GGG):**
  - Georges and Georges, 1913-1918;
  - Gradenwitz, 1904.
- **Numbers:**
  - 43,432 lemmas from GGG
  - 26,250 from Forcellini’s *Onomasticon*
  - TOTAL: 69,682 lemmas.

## How to use WFL

**Explore by Word Formation Rule**

Research Question: focus on specific word formation behaviour; for example, it is possible to view and download a list of all verbs that derive from a noun with a converutive derivation process (e.g. *radius* ‘root’ $\Rightarrow$ *radicor* ‘to grow roots’)

**Explore by Affix**

Research Question: focus on affixal behaviour; for example, it is possible to see all agentive nouns in *-tor* and verify how many correspond to a female equivalent in *-trix.*

**Explore by Part of Speech**

Research Question: deep search refinement, useful for studies both on very specific questions or on macro-categories, such as nominalisation or verbalisation.

**Explore the Lemmas**

Research Question: useful when studying the productivity of one specific morphological family (like the one for *bellum* above) or a group of morphological families.

## Search Results

**Lists of lemmas**

**Derivation graphs**

**Tree-graphs**

*FOR THE FIRST TIME DERIVATION FAMILIES ARE SHOWN ALL TOGETHER*

![Search Results Diagram](http://wfl.marginalia.it)