

Support for cascading Yaml configuration update

-  **MAGNOLIA-8451** - YAML configuration: changes in included files don't trigger a reload of the registered item CLOSED, why it happens?
 - we do not track the fact of inclusion
 - included files may be located anywhere
 - no notion of config dependency from data-structure point of view:
 - each config file potentially could have an inclusion tree: included files also may have includes
- **dynamic definition providers**
 - The way population of a definition provider happens now:
 - **Yaml** → **YamlCfgSrc** \ **I** → **DefinitionProvider** (static, i.e. everything is pre-resolved)
 - YamlReader** → **M2B** - (produces the bean)
 - (resolves all the includes recursively and populates a map; from this point on the inclusions are lost)
- Proposed way:
 - **Yaml** → **YamlCfgSrc** → **YamlDefinitionProvider** (no conversion happens right away, it only has reference to a resource and tools like *YamlReader* and *M2B*).
 - **YamlReader** would still produce a map with converted Yaml,
 - + it would populate a set of such inclusions with references to respective files.
 - Upon each **provider#get()** call the last modified dates of the dependencies are checked, the definition bean is re-resolved if needed
 - Cons:
 - small overhead upon definition retrieval (**DefinitionProvider#get()**)
 - Pros:
 - easy to implement (<https://git.magnolia-cms.com/projects/FORGE/repos/light-yaml/browse>)
 - easy to map onto other cases of dependencies (JCR, Registries etc)
 - each def knows exactly what it relies on, the changes of the non-config related resources are essentially ignored
 - easy to make prominent in definitions app
- alternative way
 - we could track the dependencies outside of the definition provider and still use the static definition providers
 - resolve the dependencies as soon as a config file is registered, store them (on the **YamlCfgSrc** level)
 - => there would be a set of dependencies per config file
 - upon any resource change - check the sets of deps of each config file on the presence of the changed one
 - Cons:
 - cumbersome
 - would cause tons of useless checks
 - hard to make extensible
 - Pros:
 - DefProviders are still dumb and simple
 - no overhead for **DefinitionProvider#get()**