

Quality Profiles

But : Ajouter un nouveau profil "**Java**" qui est une copie du profil "**Sonar Way**" mais qui contient moins de règles.

- Ouvrir le menu "**Quality profiles**"
- Filtrer sur le profil "**Java**"
- Faire une copie du profil "**Sonar way**" et la nommer "**Petclinic**"

Quality Profiles

Quality Profiles are collections of rules to apply during an analysis.
For each language there is a default profile. All projects not explicitly assigned to some other profile will be analyzed with the default.
Ideally, all projects will use the same profile for a language. [Learn More](#)

Filter profiles by:

Java, 1 profile(s)	Projects	Rules	Updated	Used
Sonar way Built-in	Default	381	5 days ago	Never ⚙️

Compare
Copy
Extend

- Afficher la liste des règles de type "**Bugs**"
- Désactiver la règle que vous avez utilisé dans le TP précédent

sonarqube Projects Issues **Rules** Quality Profiles Quality Gates Administration

Search for projects and files... + A

Filters Clear All Filters

Bulk Change

Search for rules...

Language

Type Bug Clear

🐛 Bug 109
🔒 Vulnerability 36
🐛 Code Smell 206
🔒 Security Hotspot 30

Tag

2 / 109 rules

🔴	"equals()" should not be used to test the values of "Atomic" classes	Java 🐛 Bug multi-threading	Deactivate
🔴	"==" should not be used instead of "=="	Java 🐛 Bug	Deactivate
🔴	"@Controller" classes that use "@SessionAttributes" must call "setComplete" on their "SessionStatus" objects	Java 🐛 Bug spring	Deactivate
🟢	"@NonNull" values should not be set to null	Java 🐛 Bug cert, cwe	Deactivate
🔴	"@SpringBootApplication" and "@ComponentScan" should not be used in the default package	Java 🐛 Bug spring	Deactivate

- Définir ce nouveau profil Java comme profil par défaut


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Filter profiles by: X

Java, 2 profile(s)	Projects ?	Rules	Updated	Used	
Petclinic	0	380	2 minutes ago	Never	
Sonar way Built-in	Default	381	6 days ago	N	<div>Activate More Rules Back up Compare Copy Extend Rename Set as Default Delete</div>

- Relancer une analyse Sonar

```
mvn clean verify sonar:sonar -Dsonar.host.url=http://<IP_SERVEUR_SONAR>:9000
```

- Vérifier que le bon **"Quality profil"** a été utilisé :

Quality Profiles

(CSS) [Sonar way](#)

(Java) [Petclinic](#)

(JSP) [Sonar way](#)

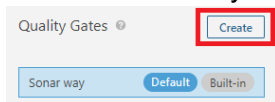
(XML) [Sonar way](#)

- Que se passe-t-il au niveau du nombre de bugs ?
 - Le nombre de bugs à diminué

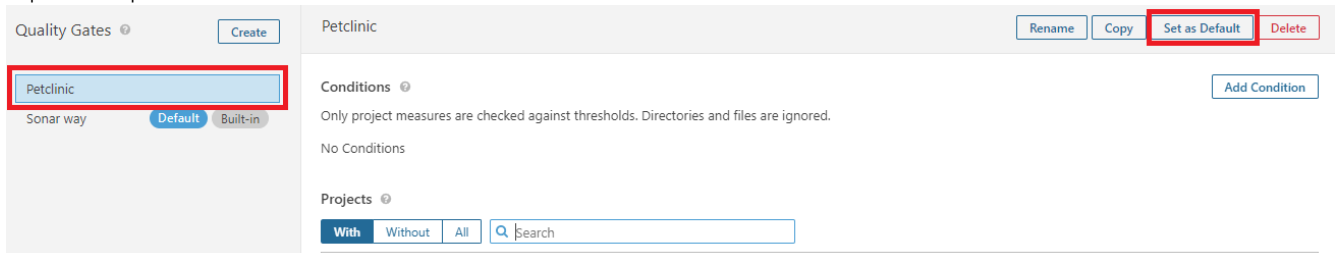
Quality Gates

But : Ajouter une condition pour faire échouer le résultat de l'analyse Sonar.

- Ouvrir le menu **"Quality Gates"**
- Créer une nouvelle **"Quality Gate"** et la nommer **"Petclinic"**



- La positionner par défaut



- Ajouter une condition avec la métrique **"Reliability/Bugs"** et positionner la valeur **"Error"** à 3

Quality Gates ⓘ

Create

Petclinic

Sonar way

Default

Built-in

Petclinic

Rename
Copy
Set as Default
Delete

Conditions ⓘ

Add Condition

Only project measures are checked against thresholds. Directories and files are ignored.

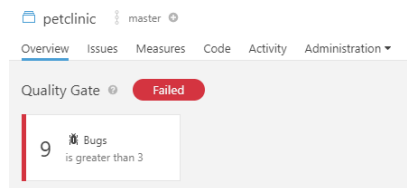
Metric ⓘ	Operator	Error
Bugs	is greater than	3

⚙️

- Relancer une analyse Sonar

```
mvn clean verify sonar:sonar -Dsonar.host.url=http://<IP_SERVEUR_SONAR>:9000
```

- Vérifier que l'analyse est en bien à l'état **"Failed"**



- Vérifier que le bon **"Quality gate"** a été utilisé :

