| | Pege No. Date | | ,ot aget Page No. Date |
|------------|--|---------|---|
| | | | |
| + | Spring Boot: 1 : + beath of along a ful talange | * | features of Spring Boot: base & marines a suffer |
| | | | Microservice, as the name Suggests of |
| | Spring is widely used for creating scalable | | Spring Boot is built on the top of the conventions |
| 2411 | applications. for web spring provides spring myc | | spring framework. So it provides all the features |
| 4. | which is weful for scalable web applications. | (100 | of spring and yet easier to use than spring. |
| 2 | instance is instantiated aureossfeety, and | | |
| | But, main disadvantage of spring projects | 10:10/1 | It allows to avoid heavy configuration of XML whi |
| | is that configuration is really time - consuming | _ | is overent in coving |
| | and can be a bit overhelming for the new developers | | is present in spring: a phippedule extern ach |
| le 9 5 5 5 | Making the application production - ready takes | 3 F | Unlike the spring mvc, in spring Boot everything |
| 74. | some time if you are new to the spring. | | is auto-configured. We just need to use proper |
| 100 | - Allthis militure of war secretarization as a brief trace | | configuration for utilizing a particular functionality |
| _ | Colution is Spring Boot. Spring Boot is built on the | | for example: if you want to use hibernate then just add @ Table annotation above entity. |
| | top of the spring and contains all the features | | |
| | of sping. | _ | Legeration pring Beat is appared to the control of |
| | | | It provides easy maintenance and creation of RES |
| - | Spring Boot is a rapid production - ready lenvironment | - | As the came ouggests, it constitutions |
| | which enables the developers to directly focus | | Creating REST APL is very easy in Spring Boot |
| | on the logic instead stuggling with the config. | | Just annotation @ Rest Conholler and @ Request - |
| | and set w. | | Mapping (rend point) over the controller class does |
| | व्याव उस व्या | Asp | the work adalah on the dalah was strom onto |
| | Spring Dark to a solar tearling based Grasses | | This category. |
| - | Spring Boot is a microservice - based framework | - | It includes embedded Tomcat-Server: |
| | and making a production - ready application in it | | g Sarries terpes: Integration legar: |
| | takes very less time. | 1/15/ | Deployment is very easy, war and jur file can be |
| | grant to the Specification of | _LPD | easily deployed in the tomcat server : |
| | | | war or jar file can be directly deployed on the |
| | French, J. C. Wooden, C. C. Company, C. | | Tomcat Server and Spring Boot provides the facili |
| - 2 | The state of the s | | to convert our project into war or jar siles. Also |
| | Street Works and the street of | | the instance of tomeat can be run on the cloud |
| | Sections the Cruse | | as well for escent and by data access longless on |

| | Chie sport (Chie sport) | |
|--------|--|---|
| | | |
| _ | Microservice Based: Architecture: 20101007 + | - Then we have utility classes, validator classes our |
| | Microservice, as the name suggests is the | view classes. |
| lan an | name given to a module service and which | halford pleader there's to 2's point of many A |
| | focuses on a single type of feature, emposing an | - All the services provided by the classes are implem |
| | API nort sewert resiers toy how pringerto | in their corrensponding classes and are retirere |
| | Microservice based system can be easily migrated | by implementing the dependency on these interfo |
| 2011 | as only some services need to be altered which | It allows you to bake a langua applicable |
| | also makes debugging and deployment easy. Also | * Spring Boot Flow Architecture: agards la lance |
| | each service can be integrated and can be made | - Tremate was provided with narously defined weeps stilled |
| | in diffrent technologies (wheel to them see all | Repository Class Entending |
| prile. | chance religion of the contraction of particular function | : CROD Services and a long to |
| * | Spring Boot Architecture: pay 11: 3/9, masses vog | I and rebow of a world be siting as bould to Dependency Ryech |
| | a men prins evide nonotenno side as belos este | The complexity and make code changes particular |
| - | Layers in Spring Boot: | client tree Conholler Service Model |
| 0 | Presentation Layer: mastacong pass espirary 18 - | astronomical single in layer . sparatto . |
| | As the name suggests, it consists of views | J |
| | (i.e. fontend part) 21 194 1139 prists Dette | Applications need extensive manual testingials |
| | Surplies in the company of the state of the surplies of the su | Each we doe company of a grand street |
| 2 | Data Access Loyer: 324 7373 (taling bas) priliquolina ligar | Odselmad Database |
| | CRUD operations on the database comes under | 3 For smuli change, the whole application need . ! |
| | this category. | Restriction in the appropriate by the standard |
| | Singurance - Learnel Institution . Laboration - | |
| 4 | Service Layer: Integration Layer: | The heavy applications should demnished they in. |
| 3 d | It consists of web diffrent web services (any | |
| 3.50 | service available over the internet and wes XML | * benefits of Microsomicos: |
| H me | messaging system, drap of the rate of | |
| 102 | aft rolling took prings line words toomer | (Small Medules; I was mare a colombial (my) |
| | Service Layer: man start solvey and terrors of | Application is bicken into smaller another |
| bull | This consists of service clases and uses | which are easy to developers to enderounce |
| | services provided by data access layers. | |

| | All agent Cate Cate Cate Cate Cate Cate Cate Cat | | part gold Page Na. Date | |
|--------|--|-------|--|--|
| * | Microservices : a energy with area and and | (2) | Easier Process Adaption: campel essential es | |
| | Wien classes | | By using microservices, new Technology and | |
| | A microservice is a small, loosly coupled | | process Adaption becomes easier four can try new | |
| 15075 | distributed service. Microservice Architectures | | technologies with the newer microservices that | |
| 457 | evolved as a solution to the scalability and | | @ Kestlet Benes Rest Bapress. som so | |
| 7 1.07 | innovation challenges with Mono lith architechures. | | S Spork Restra Francework | |
| | It allows you to take a large application | (3) | | |
| | and decompose or break into easily manageble | | Each microservice can scale independently via | |
| | small components with narrowly defined responsibilities. | | X-axis scaling (cloning with more cpu or memory) | |
| | Repository Charle Endong | | and z-axis sealing (sharding), boxed upon their | |
| | Reasons for using Microservices: | | needs San San Class . Class 12. 12. 12. | |
| no O | for a large application, it is difficult to understand | | meased the entitless were the bases | |
| | the complexity and make code changes fast and | 4 | Unaffected: 12 prings | |
| 6 | correctly, sometimes it becomes hard to manage | | Large applications remain largely unaffected | |
| | the code. | l leg | by the failure of single module. | |
| Agt | A - A - Care Contract - A Someth State Figure | | - 1 brakes pelatrokat 1 - 1 calend 1 car | |
| 2 | Applications need extensive manual testing to | 3 | DORS: | |
| ded. | ensure the impact of changes. | | Each service can be independently DURS | |
| 100 | N miter do Louis | 7 2/2 | (deployed, updated, replaced and scaled) | |
| 3 | for small change, the whole application needs to | (4 | (Lent) (Lent) | |
| | be built and deployed. | * | Restrictions of Microservices: | |
| | | | - Bulubuse Could be Anything for extended one want | |
| 4 | The heavy applications slows down start-up time. | 1 | Configuration Management | |
| | and the second of the second o | Day's | - Spring Bool supports NEST Apis wing spring web | |
| * | Benefits of Microservices: | 2 | Debugging 22 price scadular Atha strompin & | |
| | | | what deare are depend this per regular | |
| 0 | Small Modules: | 3 | - Keesel elient souds HITP Keguests nothemotion. | |
| | Application is booken into smaller modules | ya l | HTTP Kepener when Axies, show date on | |
| | which are easy for developers to code and | 9 | Perting relies to all a we allo you fuller porter | |
| | maintein. | | la 2040. | |

| | Date |
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| Microservices frameworks for Java: | Easier |
| using microservices, new Technology | , ya |
| Spring Boot voices 2000 Ninga Web fro | am ework |
| | |
| | |
| Spark Restx Framew | |
| | Spring Boot voices somo Ninja Web fromework Rest Express |